

# Index to volume 97

## Author index\*

### A

- AARO, LEONARD A., JOHNSON, THOMAS R., AND JUERGENS, JOHN L., Acute superficial thrombophlebitis associated with pregnancy, 514
- ACHESON, FIONA M. (see RIVARD, MOTOTYAMA, ACHESON, COOK, AND REYNOLDS), 925
- AHLQUIST, RAYMOND P. (see WHALEY, ZUSPAN, NELSON, AND AHLQUIST), 875
- ALVARADO-DURÁN, ALBERTO, BAZÁN, TEODORO, AND PEREDO, CESAR, Continuous paracervical block, 367
- AMOS, DONALD C. (see KENDALL, AMOS, SUN, HAHN, AND FARELL), 1129
- ANDERSON, ANNE B. M., TURNBULL, ALEXANDER C., AND MURRAY, ALISTAIR M., The relationship between amniotic fluid pressure and uterine wall tension in pregnancy, 992 (Pertinent comments)
- ARAKAKI, DAVID T., WAXMAN, SORRELL H., AND SMITH, JIMMIE B., Endometrial and fetal cytogenetics, 868 (Comm. in brief)
- ARNT, I. C. (see MENDÉZ-BAUER, ARNT, GULIN, ESCARCENA, AND CALDEYRO-BARCIA), 530
- ASOLKAR, P. (see DEVI, SUTARIA, ASOLKAR, AND DESHMUKH), 39
- ASSALI, N. S., Some aspects of fetal life in utero and the changes at birth, 324
- (see SHAPIRO, KIRSCHBAUM, AND ASSALI), 130 (Current developments)
- ATLAY, R. D., AND PRYOR-JONES, D., Blunt external abdominal trauma causing fetal death, 577 (Comm. in brief)

### B

- BĂDĂRĂU, LIGIA, GAVRILITA, LORICA, NEGURA, MADEROS, A., TOMOSOIU, D., AND IURCU, I., Vilius avascularit and its functional significance in 3- to 20-week-old placentas of normal pregnancy, 257
- BAKER, CAROL T. (see HAYASHI AND BAKER), 58
- BAKER, T. HART, AND HUBBELL, ROBERT, Reappraisal of asymptomatic puerperal bacteremia, 575 (Comm. in brief)
- (see SACKS AND BAKER), 888
- BARADI, A. F. (see MANSOUR AND BARADI), 109
- BARNES, PHILIP H. (see FRIESEN, BOWMAN, BARNES, GREWAR, MCINNIS, AND BOWMAN), 343
- BARRON, DONALD H. (see MESCHIA, BEHRMAN, HELLEGERS, SCHRUEFER, BATTAGLIA, AND BARRON), 1
- BARTER, ROBERT H. (see JACOBSON AND BARTER), 666
- BATTAGLIA, FREDERICK C. (see MESCHIA, BEHRMAN, HELLEGERS, SCHRUEFER, BATTAGLIA, AND BARRON), 1
- (see MOORE, BATTAGLIA, AND HELLEGERS), 63
- BAZÁN, TEODORO (see ALVARADO-DURÁN, BAZÁN, AND PEREDO), 367
- BEAN, H. A. (see CARMICHAEL AND BEAN), 294
- BECK, R. P. (see ROMAN, BECK, AND LATOUR), 117
- (see STEWART, TAYLOR, AND BECK), 338
- BECERRA, CARMEN (see GUAL, BECERRA, RICE-WRAY, AND GOLDZIEHER), 443
- BEER, ALAN E. (see WALLACH, BEER, AND GARCIA), 984 (Pertinent comments)

- BEHRMAN, RICHARD E. (see MESCHIA, BEHRMAN, HELLEGERS, SCHRUEFER, BATTAGLIA, AND BARRON), 1
- BEKAERT, STEPHANE A. L. (see THIERY, DEROM, VAN KETS, DE SCHAEPRDYVER, BERNARD, BEKAERT, HOOFT, DEROM, ROLLY, AND ROELS), 21
- BELL, E. T., LORAIN, J. A., MCEWAN, H. P., AND CHARLES, D., Serial hormone assays in patients with uteroplacental insufficiency, 562 (Current investigation)
- BELLER, F. K., AND FORGES, R. F., Blood coagulation and fibrinolytic enzyme studies during cyclic and continuous application of progestational agents, 448
- BENJAMIN, FRED, AND CASPER, DONALD J., Comparative validity of oral and intravenous glucose tolerance tests in pregnancy, 488
- BERCOVICI, BRUNO (see PALT AND BERCOVICI), 143
- BERNARD, PAUL J. (see THIERY, DEROM, VAN KETS, DE SCHAEPRDYVER, BERNARD, BEKAERT, HOOFT, DEROM, ROLLY, AND ROELS), 21
- BOBA, ANTONIO, LINKIE, DANIEL M., AND PLOTZ, E. JÜRGEN, Fetal response to maternal oxygen inhalation during hemorrhagic stress, 919
- BOLOGNESE, RONALD J. (see PIVER, BOLOGNESE, AND FELDMAN), 579 (Comm. in brief)
- BOUTSELIS, J. G., VORYS, N., AND ULLERY, J. C., Control of ovulation time and cycle length with clomiphene citrate, 949
- BOWMAN, JOHN M. (see FRIESEN, BOWMAN, BARNES, GREWAR, MCINNIS, AND BOWMAN), 343
- BOWMAN, WILLIAM D. (see FRIESEN, BOWMAN, BARNES, GREWAR, MCINNIS, AND BOWMAN), 343
- BOYCE, CHARLES R. (see FLOYD, BOYCE, AND EVANS), 1150 (Comm. in brief)
- BRADBURY, JAMES T. (see DUNN AND BRADBURY), 465
- BRAID, DIANNE (see NEWMAN, BRAID, AND WOOD), 43
- BREKKEN, ALVIN L. (see PRITCHARD AND BREKKEN), 681
- BRETSCHER, JUEBO, AND SALING, ERICH, pH values in the human fetus during labor, 906
- BUCKINGHAM, JOHN C. (see MCÉLIN, BUCKINGHAM, AND JOHNSON), 479
- BULLARD, T. H. (see SWARTZ, BULLARD, AND FELTON), 189
- BURNS, BEAURY C., JR., (see SMITH, RUTLEDGE, AND BURNS), 800

### C

- CAILLITEAU, JANICE (see CASSADY AND CAILLITEAU), 395
- CALDEYRO-BARCIA, R. (see MENDÉZ-BAUER, ARNT, GULIN, ESCARCENA, AND CALDEYRO-BARCIA), 530
- CARLSON, KAREN L. (see SPELLACY, COHEN, AND CARLSON), 560 (Current investigation)
- CARMICHAEL, J. A., AND BEAN, H. A., Carcinoma of the endometrium in Saskatchewan, 294
- CARR, CAROLE A. (see FARRISH, CARR, SILBERG, AND KING), 1087
- CARR, DAVID H., Chromosome anomalies as a cause of spontaneous abortion, 283
- CARR, MARTIN C., Human term placental villi in explant tissue culture. III. Comparison of the effects of chicken plasma, vitamin A, and hydrocortisone in syncytial dissolution, 252

\*January 1, 1-142; January 15, 143-282; February 1, 283-442; February 15, 443-582; March 1, 583-738; March 15, 739-874; April 1, 875-1032; April 15, 1033-1172.

- CARRIER, OLIVER, JR. (see DOUGLAS, CARRIER, AND GARRET), 1092
- CARROW, LEON A., HILKER, ROBERT R. J., ELESCH, RICHARD H., AND EGGUM, PAUL R., Evaluation of the vaginal irrigation smear technique, 821
- CASPER, DONALD J. (see BENJAMIN AND CASPER), 488
- CASSADY, GEORGE, AND CAILLITEAU, JANICE, The amniotic fluid in anencephaly, 395
- CAVANAGH, DENIS (see DECENZO AND CAVANAGH), 17
- CHANDRA, HARISH (see KAR AND CHANDRA), 279 (Comm. in brief)
- CHARLES, D. (see BELL, LORRAINE, McEWAN, AND CHARLES), 562 (Current investigation)
- CHERASKIN, E., RINGSDORF, W. M., JR., HUTCHINS, K., SETYAADMAJIA, A. T. S. H., AND WIDEMAN, G. L., Carbohydrate metabolism and cervical (uterine) carcinoma, 817
- CHUN, LAWRENCE S. K., GUNDERSON, JEROME H., AND CHUNG, JOSEPH T., Optimum conditions for administration of single-shot caudal anesthesia, 360
- CHUNG, JOSEPH T. (see CHUN, GUNDERSON, AND CHUNG), 360
- COBO, EDUARD, DE BERNAL, MATILDE M., GAITAN, EDUARDO, AND QUINTERO, CARLOS A., Neurohypophyseal hormone release in the human. II. Experimental study during lactation, 519
- COHEN, W. D. (see SPELLACY AND COHEN), 943  
— (see SPELLACY AND COHEN), 560 (Current investigation)
- COLLINS, VINCENT P. (see WALL, COLLINS, KAPLAN, AND HUDGINS), 787
- COMINGS, DAVID E., Lymphocyte transformation in response to phytohemagglutinin during and following a pregnancy, 213
- CONRAD, JOHN T., AND KUHN, WILLIAM, The active length-tension relationship in human uterine muscle, 154
- CONTIS, GEORGE, AND LIND, JOHN, Apgar score and neonatal blood pressure, 1135
- COOK, CHARLES D. (see RIVARD, MOTOMYAMA, ACHESON, COOK, AND REYNOLDS), 925
- COX, SHEILA M. (see ROSENKRANTZ, GITHENS, COX, AND KELLUM), 387
- CRAIG, JOHN M., Ovarian cortical stroma, a steroid-dependent tissue, 100
- CRUSE, JOSEPH R. (see EDMONDS AND CRUSE), 1152 (Comm. in brief)
- CRUSE, VIRGINIA (see SIMMONS, CRUSE, AND MCKAY), 218
- CUSHMAN, PAUL, JR., AND HILTON, JAMES G., Effects of clomiphene on adrenal cortical steroidogenesis in dogs, 958
- D**
- DAWSON, EARL B. (see MCGANITY, FUJINO, AND DAWSON), 750
- DE ALVAREZ, RUSSELL RAMON, GOODALL, BRIAN W., AND ZIGHELBOIM, ITIC, Fatty acid composition of serum lipids in pregnancy and gynecologic cancer, 419 (Current developments)
- DE BERNAL, MATILDE M. (see COBO, DE BERNAL, GAITAN, AND QUINTERO), 519
- DECENZO, JOSEPH A., AND CAVANAGH, DENIS, Management of incomplete abortion on an outpatient basis, 17
- DECKER, DAVID G., MALKASIAN, GEORGE D., JR., MUSSEY, ELIZABETH, AND JOHNSON, CARL E., Cyclophosphamide, 656
- , MUSSEY, ELIZABETH, MALKASIAN, GEORGE D., JR., AND JOHNSON, CARL E., Adjuvant therapy for advanced ovarian cancer, 171  
— (see MUSSEY AND DECKER), 30
- DEROM, FRITZ (see THIERY, DEROM, VAN KETS, DE SCHAEFDRYVER, BERNARD, BEKAERT, HOOFT, DEROM, ROLLY, AND ROELS), 21
- DEROM, ROBERT M. J. (see THIERY, DEROM, VAN KETS, DE SCHAEFDRYVER, BERNARD, BEKAERT, HOOFT, DEROM, ROLLY, AND ROELS), 21

- DE SCHAEFDRYVER, ANDRÉ F. (see THIERY, DEROM, VAN KETS, DE SCHAEFDRYVER, BERNARD, BEKAERT, HOOFT, DEROM, ROLLY, AND ROELS), 21
- DESFORGES, JANE F. (see WANG, McCUTCHEON, AND DESFORGES), 1123
- DESHMUKH, M. (see DEVI, SUTARIA, ASOLKAR, AND DESHMUKH), 39
- DEVI, P. K., SUTARIA, U. D., ASOLKAR, P., AND DESHMUKH, M., Diagnosis of latent urinary tract infection in pregnancy, 39
- DEVoe, KEITH, JR., RIGSBY, WILLIAM C., AND McDANIELS, BETTY A., The effect of intranasal oxytocin on the pregnant uterus, 208
- DILTS, P. V., JR., Cord blood proteins versus respiratory distress syndrome, 1145
- DOCKERTY, MALCOLM B. (see THOMPSON, DOCKERTY, SYMONDS, AND HAYLES), 1059
- DOKUMOV, STOYAN I., AND SPASOV, SPAS A., Sex chromatin and sex hormones, 714 (Current investigation)
- DOUGLAS, BEN H., CARRIER, OLIVER, JR., AND GAKET, LYNDLE, Electrolyte changes in aortas of hypertensive pregnant and nonpregnant animals, 1092
- , AND LANGFORD, HERBERT G., Postterm blood pressure elevation produced by uterine wrapping, 231
- DUNN, JAMES A., AND HAYNES, ROY L., Sickle cell thalassemia in pregnancy, 574 (Comm. in brief)
- DUNN, LEO J., AND BRADBURY, JAMES T., Endocrine factors in endometrial carcinoma, 465

**E**

- EBARA, YOICHI (see IGARASHI, IBUKI, KUBO, KAMIOKA, YOKATA, ENARA, AND MATSUMOTO), 120 (Current investigation)
- EDGILL, A. R., GARDINER, J., AND HAYES, J. A., Mixed mesodermal tumor of the ovary, 578 (Comm. in brief)
- EDMONDS, PAUL B., AND CRUSE, JOSEPH R., A multipurpose sounding cannula, 1152 (Comm. in brief)
- EGGUM, PAUL R. (see CARROW, HILKER, ELESCH, AND EGGUM), 821
- EITZMAN, DONALD (see OTEY, STENGER, EITZMAN, AND PRYSTOWSKY), 1076
- ELESCH, RICHARD H. (see CARROW, HILKER, ELESCH, AND EGGUM), 821
- ESCARCENA, L. (see MENDÉZ-BAUER, ARNT, GULIN, ESCARCENA, AND CALDEYRO-BARCIA), 530
- ESPOSITO, JOHN M. (see ZAROU, ESPOSITO, AND ZAROU), 1101
- EVANS, T. N. (see FLOYD, BOYCE, AND EVANS), 1150 (Comm. in brief)

**F**

- FARELL, DAVID M. (see KENDALL, AMOSS, SUN, HAHN, AND FARELL), 1129
- FARRELL, PATRICK J., Rupture of the uterus, 332
- FELDMAN, JULIAN D. (see PIVER, BOLOGNESE, AND FELDMAN), 579 (Comm. in brief)
- FELTON, H. T. (see SWARTZ, BULLARD, AND FELTON), 189
- FITZ, G. ROBERT (see TRELFORD, FITZ, AND WILLIAMS), 1066
- FLOYD, WILLIAM S., BOYCE, CHARLES R., AND EVANS, T. N., Peritoneal lavage for cytology, 1150 (Comm. in brief)
- FOSTER, T. N. (see WHITELAW, FOSTER, AND GRAHAM), 1041
- FOX, FREDERICK J., JR., AND TOW, W. S. H., Serial immunologic chorionic gonadotropin assays for diagnosis, treatment evaluation, and comparative testing in 16 cases of choriocarcinoma, 379
- FRANK, DONALD J., AND GABRIEL, MICHAEL, Timing of cord ligation and newborn respiratory distress, 1142
- FRIEDLAENDER, P., AND OSLER, M., Icterus and pregnancy, 894

- FRIESEN, RHINEHART F., BOWMAN, JOHN M., BARNES, PHILIP H., GREWAR, DAVID, MCINNIS, CAMPBELL, AND BOWMAN, WILLIAM D., Intrauterine fetal transfusions for erythroblastosis, 343
- FROELICH, LUZ A. (see FUJIKURA AND FROELICH), 81
- FUJIKURA, TOSHIO, AND FROELICH, LUZ A., Intrauterine pneumonia in relation to birth weight and race, 81
- , AND NIEMANN, WENDALL H., Birth weight, gestational age, and type of delivery in rhesus monkeys, 76
- FUJINO, MASAAKI (see MCGANITY, FUJINO, AND DAWSON), 750

G

- GABRIEL, MICHAEL (see FRANK AND GABRIEL), 1142
- GAITAN, EDUARDO (see COBO, DE BERNAL, GAITAN, AND QUINTERO), 519
- GARCIA, CELSO-RAMON (see WALLACH, BEER, AND GARCIA), 984 (Pertinent comments)
- GARDINER, J. (see EDGILL, GARDINER, AND HAYES), 578 (Comm. in brief)
- GARRET, LYNDE (see DOUGLAS, CARRIER, AND GARRET), 1092
- GAVRILITA, LORICA (see BĂDĂRĂU, GAVRILITA, NEGURA MARDEROS, TOMOSOIU, AND IURCU), 257
- GETTS, JOHN S., Double pregnancy in a uterus duplex unicollis, 277 (Comm. in brief)
- GITHENS, JOHN H. (see ROSENKRANTZ, GITHENS, COX, AND KELLUM), 387
- GLASS, IRVING H. (see SCHULER, GLASS, AND WHYTE), 546
- GLASS, ROBERT H., AND MROUEH, ANNAN, Pregnancy in the rabbit following immunization with human chorionic gonadotropin, 1082
- GOBBLE, FLEETUS L., JR. (see GREISS AND GOBBLE), 962
- GOLDZIEHER, JOSEPH W. (see GUAL, BECERRA, RICE-WRAY, AND GOLDZIEHER), 443
- GONZÁLEZ-ANGULO, AMADOR (see SALAZAR AND GONZÁLEZ-ANGULO), 851
- GOODSELL, BRIAN W. (see DE ALVAREZ, GOODSELL, AND ZIGHELBOIM), 419 (Current developments)
- GORDON, DONALD L., AND PAULSEN, C. ALVIN, Premature menopause in XO/XX/XXX/XXXXX mosaicism, 85
- GRAHAM, CHARLES E., Uterine cervical epithelium of fetal and immature human females in relation to estrogenic stimulation, 1033
- GRAHAM, W. H. (see WHITELAW, FOSTER, AND GRAHAM), 1041
- GREISS, FRANK C., JR., AND GOBBLE, FLEETUS L., JR., Effect of sympathetic nerve stimulation on the uterine vascular bed, 962
- GREWAR, DAVID (see FRIESEN, BOWMAN, BARNES, GREWAR, MCINNIS, AND BOWMAN), 343
- GRILLO, DONALD (see KILLAM, GRILLO, AND SUMMERSON), 278 (Comm. in brief)
- GROGAN, RICHARD H., Reappraisal of residual ovaries, 124 (Re-evaluation)
- GUAL, CARLOS, BECERRA, CARMEN, RICE-WRAY, EDRIS, AND GOLDZIEHER, JOSEPH W., Inhibition of ovulation by estrogens, 443
- GULIN, L. (see MENDÉZ-BAUER, ARNT, GULIN, ESCARCENA, AND CALDEYRO-BARCIA), 530
- GUNDERSON, JEROME H. (see CHUN, GUNDERSON, AND CHUNG), 360

H

- HAHN, ALLEN W. (see KENDALL, AMOSS, SUN, HAHN, AND FARELL), 1129
- HAHN, B. D. (see PLOTZ, WIENER, STEIN, AND HAHN), 1050
- HANSEN, FRED W. (see PETERSON, HANSEN, STAUCH, AND RYDER), 472

- HASKINS, ARTHUR L., Quantitative assay of human chorionic gonadotropins, 777
- HAUSINGER, A. (see ROUX AND ROMNEY), 268
- HAUSKNECHT, RICHARD U., Estrogen production in a woman pregnant with an anencephalic fetus, 1085
- HAYASHI, T. TERRY, Acid-soluble nucleotides in human placenta and amniotic chorionic membrane, 1119
- , AND BAKER, CAROL T., Comparison of acid-soluble nucleotides across human placenta, 58
- HAYES, J. A. (see EDGILL, GARDINER, AND HAYES), 578 (Comm. in brief)
- HAYLES, ALVIN B. (see THOMPSON, DOCKERTY, SYMONDS, AND HAYLES), 1059
- HAYNES, ROY L. (see DUNN AND HAYNES), 574 (Comm. in brief)
- HELLEGERS, ANDRÉ E. (see MESCHIA, BEHRMAN, HELLEGERS, SCHRUEFER, BATTAGLIA, AND BARRON), 1
- (see MOORE, BATTAGLIA, AND HELLEGERS), 63
- (see SEEDS, KOCK, MYERS, STOLTE, AND HELLEGERS), 67
- HELLMAN, LOUIS M., AND JOHNSON, WAYNE L., Nephrotic syndrome, 719 (Clinical problems)
- HENDRICKS, CHARLES H., Delivery patterns and reproductive efficiency among groups of differing socioeconomic status and ethnic origins, 608
- HENRY, J. S., JR., KINGSTON, M. B., AND MAUGHAN, G. B., The effect of epidural anesthesia on oxytocin-induced labor, 350
- HILKER, ROBERT R. J. (see CARROW, HILKER, ELESCH, AND EOGUM), 821
- HILTON, JAMES G. (see CUSHMAN AND HILTON), 958
- HODARA, MORRIS (see NATHANSON, LIEGNER, RUDOLPH, AND HODARA), 808
- HODARI, A. A., Chronic uterine ischemia and reversible experimental toxemia of pregnancy, 597
- HOLZAPFEL, JOHN H., AND POMEROY, THOMAS C., Megavoltage therapy for gynecologic malignancies, 625
- HOOFT, CARLOS M. J. (see THIERY, DEROM, VAN KETS, DE SCHARPDRYVER, BERNARD, BEKAERT, HOOFT, DEROM, ROLLY, AND ROELS), 21
- HUBBELL, ROBERT (see BAKER AND HUBBELL), 575 (Comm. in brief)
- HUDGINS, PHILIP T. (see WALL, COLLINS, KAPLAN, AND HUDGINS), 787
- HUDSPETH, E. RAE, AND PERDUE, GRACE M., Recurrent Chiari-Frommel syndrome following 3 pregnancies, 573 (Comm. in brief)
- HULKA, J. F., AND MOHR, KATHLEEN, Interference of cortisone-induced homograft survival by progestins, 407 (Current investigation)
- HUSNI, ELIAS A., PENA, LEOPOLDO, AND LENHART, A. ENGLE, Thrombophlebitis in pregnancy, 901
- HUTCHINS, K. (see CHERASKIN, RINGSDORF, HUTCHINS, SETYAADMAJIA, AND WIDEMAN), 817

I

- IBUKI, YOSHITO (see IGARASHI, IBUKI, KUBO, KAMIOKA, YOKATA, EBARA, AND MATSUMOTO), 120 (Current investigation)
- IGARASHI, MASAO, IBUKI, YOSHITO, KUBO, HIROSHI, KAMIOKA, JUNJI, YOKATA, NAOMI, EBARA, YOICHI, AND MATSUMOTO, SEIICHI, Mode and site of action of clomiphene, 120 (Current investigation)
- IURCU, I. (see BĂDĂRĂU, GAVRILITA, NEGURA MARDEROS, TOMOSOIU, AND IURCU), 257

J

- JACOBSON, CECIL B., AND BARTER, ROBERT H., Some cytogenetic aspects of habitual abortion, 666
- JOHNSON, CARL E. (see DECKER, MUSSEY, MALKASIAN, AND JOHNSON), 171
- (see DECKER, MALKASIAN, MUSSEY, AND JOHNSON), 656

- JOHNSON, J. W. C., AND OJO, O. A., Amniotic fluid oxygen tension in severe maternal anemia, 499
- JOHNSON, PHILIP M. (see MOORE, O'LEARY, AND JOHNSON), 507
- JOHNSON, RHODA E. (see McELIN, BUCKINGHAM, AND JOHNSON), 479
- JOHNSON, THOMAS R. (see AARO, JOHNSON, AND JUERGENS), 514
- JOHNSON, WAYNE L. (see HELLMAN AND JOHNSON), 719 (Clinical problems)
- JONES, HOWARD W., JR. (see KATAYAMA AND JONES), 978 (Current investigation)
- JUERGENS, JOHN L. (see AARO, JOHNSON, AND JUERGENS), 514

## K

- KAMINETZKY, HAROLD A. (see RICKS, KAMINETZKY, AND SWERDLOW), 94
- KAMIOKA, JUNJI (see IGARASHI, IBUKI, KUBO, KAMIOKA, YOKATA, EBARA, AND MATSUMOTO), 120 (Current investigation)
- KAPLAN, ALAN L. (see WALL, COLLINS, KAPLAN, AND HUDGINS), 787
- KAR, AMIYA, AND CHANDRA, HARISH, Uterine bleeding in prepubertal rhesus monkeys after intrauterine contraceptive device insertion, 279 (Comm. in brief)
- KATAYAMA, KOYU PAUL, AND JONES, HOWARD W., JR., Chromosomes of atypical (adenomatous) hyperplasia and carcinoma of the endometrium, 978 (Current investigation)
- KELLUM, DONALD L. (see ROSENKRANTZ, GITHENS, COX, AND KELLUM), 387
- KENDALL, BENJAMIN, AMOSS, DONALD C., SUN, HUN H., HAHN, ALLEN W., AND FARELL, DAVID M., The noise-free electrocardiogram recorded from the maternal abdomen, 1129
- KILLAM, ALLEN, GRILLO, DONALD, AND SUMMERSON, DONALD J., Pregnancy and delivery after uterosigmoidostomy, 278 (Comm. in brief)
- KING, THEODORE M. (see PARRISH, CARR, SILBERG, AND KING), 1087
- KINGSTON, M. B. (see HENRY, KINGSTON, AND MAUGHAN), 350
- KIRSCHBAUM, T. (see SHAPIRO, KIRSCHBAUM, AND ASSALI), 130 (Current developments)
- KOCK, HENRI C. (see SEEDS, KOCK, MYERS, STOLTE, AND HELLEGERS), 67
- KOHLER, F. PETER, Management of pregnancy following lower urinary tract diversion, 1149 (Comm. in brief)
- KOHORN, ERNEST L., An evaluation of ultrasonic cephalometry, 533
- KOLAH, PILLOO J., MASTER, PERIN A., AND SANGHVI, L. D., Congenital malformations and perinatal mortality, 400
- KOSAR, WALTER P. (see RUSSO AND KOSAR), 203
- KUBO, HIROSHI (see IGARASHI, IBUKI, KUBO, KAMIOKA, YOKATA, EBARA, AND MATSUMOTO), 120 (Current investigation)
- KUHN, WILLIAM (see CONRAD AND KUHN), 154
- KURZEPA, ST. (see LESINSKI, KURZEPA, AND SAMOJLIK), 249

## L

- LANGFORD, HERBERT G. (see DOUGLAS AND LANGFORD), 231
- LATOUR, J. P. A. (see ROMAN AND LATOUR), 739
- (see ROMAN, BECK, AND LATOUR), 117
- LEE, RAYMOND A., AND WELCH, JOHN S., Torsion of the uterine adnexa, 974
- LENHART, A. ENGLE (see HUSNI, PENA, AND LENHART), 901
- LENTZ, JOHN W. (see SHAPIRO AND LENTZ), 968
- LERNER, ROBERT, MARGOLIN, MALCOLM, SLATE, WILLIAM G., AND ROSENFELD, HOWARD, Heparin in the treatment of hypofibrinogenemia complicating fetal death in utero, 373

- LERNER, ULRICO (see LERNER, PONTELLI, AND RABOW), 881
- LESINSKI, J., KURZEPA, ST., AND SAMOJLIK, E., Influence of phenelzine on 5-hydroxytryptamine level in rat placenta and fetuses, 249
- (see OKLA AND LESINSKI), 13
- LEVELL, MICHAEL J. (see SCOTT, LUMSDEN, AND LEVELL), 161
- LIEGNER, LEONARD M. (see NATHANSON, LIEGNER, RUDOLPH, AND HODARA), 808
- LIND, JOHN (see CONTIS AND LIND), 1135
- LINKIE, DANIEL M. (see BOBA, LINKIE, AND PLOTZ), 919
- LIVINGSTON, ELIZABETH (see TALLEDO), 571 (Current investigation)
- LOCK, FRANK R., Preparing the doctor to be a doctor, 583
- LONGIN, MARY (see O'REILLY AND LONGIN), 8
- LORAIN, J. A. (see BELL, LORAIN, McEWAN, AND CHARLES), 562 (Current investigation)
- LOW, J. A., Management of anatomic urinary incontinence by vaginal repair, 308
- LUCAS, FRED V. (see REISENBERG, VAN PEENAN, MILLER, SCHMIDT, AND LUCAS), 91
- LUMSDEN, CHARLES E. (see SCOTT, LUMSDEN, AND LEVELL), 161

## M

- McCUTCHEON, ELGIN (see WANG, McCUTCHEON, AND DESFORGES), 1123
- McDANIELS, BETTY A. (see DeVoe, RIGSBY, AND McDANIELS), 208
- McDONALD, JOHN S., Evaluation of fetal blood pH as a reflection of fetal well-being, 912
- McELIN, THOMAS W., BUCKINGHAM, JOHN C., AND JOHNSON, RHODA E., Tubal sterilization, 479
- McEWAN, H. P. (see BELL, LORAIN, McEWAN, AND CHARLES), 562 (Current investigation)
- McGANITY, WILLIAM J., FUJINO, MASAOKI, AND DAWSON, EARL B., Nutritional aspects of gynecic stress, 750
- McINNIS, CAMPBELL (see FRIESE, BOWMAN, BARNES, GREWAR, McINNIS, AND BOWMAN), 343
- McKAY, DONALD G. (see SIMMONS, CRUSE, AND McKAY), 218
- MacLENNAN, HECTOR, The art of gynecology in a computer age, 590
- MACNAUGHTON, M. C., Hormone excretion as a measurement of fetal growth and development, 998 (Current developments)
- MALKASIAN, GEORGE D., JR. (see DECKER, MUSSEY, MALKASIAN, AND JOHNSON), 171
- (see DECKER, MALKASIAN, MUSSEY, AND JOHNSON), 656
- MANSOUR, FAWZY, S., AND BARADI, A. F., Enzyme histochemical study of postmenopausal endometrium in symptom-free patients, 109
- MARGOLIN, MALCOLM (see LERNER, MARGOLIN, SLATE, AND ROSENFELD), 373
- MASTER, PERIN A. (see KOLAH, MASTER, AND SANGHVI), 400
- MATSUMOTO, SEIICHI (see IGARASHI, IBUKI, KUBO, KAMIOKA, YOKATA, EBARA, AND MATSUMOTO), 120 (Current investigation)
- MAUGHAN, GEORGE B., SHABANAH, E. H., AND TOTTH, A., Experiments with pharmacologic sympatholysis in the gravid, 764
- (see HENRY, KINGSTON, AND MAUGHAN), 350
- MENDÉZ-BAUER, C., ARNT, I. C., GULIN, L., ESCARGENA, L., AND CALDEYRO-BARCIA, R., Relationship between blood pH and heart rate in the human during labor, 530
- MENGERT, WILLIAM F. (see SHIPKOWITZ AND MENGERT), 828
- MESCHIA, GIACOMO, BEHRMAN, RICHARD E., HELLEGERS, ANDRÉ E., SCHRUEFER, JOHN J., BATTAGLIA, FREDERICK C., AND BARRON, DONALD H., Uterine blood flow in the pregnant rhesus monkey, 1
- MILLER, WILLIAM V. (see REISENBERG, VAN PEENAN, MILLER, SCHMIDT, AND LUCAS), 91



- MINKLER, DONALD H., AND STRESHINSKY, NAOMI, Dilemmas in adoption: Case studies of the adoptive process illustrating the role of the caseworker, 411 (Pertinent comments)
- MITCHELL, PATRICIA (see NEWMAN, MITCHELL, AND WOOD), 52
- MOHR, KATHLEEN (see HULKA AND MOHR), 407 (Current investigation)
- MOORE, J. GEORGE, O'LEARY, JAMES A., AND JOHNSON, PHILIP M., The changing impact of pulmonary thromboembolism in obstetrics, 507
- MOORE, W. M. O., BATTAGLIA, FREDERICK C., AND HELLEGERS, ANDRÉ E., Whole blood oxygen affinities of women with various hemoglobinopathies, 63
- MOTOYAMA, ETSURO K. (see RIVARD, MOTYAMA, ACHESON, COOK, AND REYNOLDS), 925
- MROUEH, ADNAN (see GLASS AND MROUEH), 1082
- MURRAY, ALISTAIR M. (see ANDERSON, TURNBULL, AND MURRAY), 992 (Pertinent comments)
- MUSSEY, ELIZABETH, AND DECKER, DAVID G., Intraepithelial carcinoma of the cervix in association with pregnancy, 30
- (see DECKER, MALKASIAN, MUSSEY, AND JOHNSON), 656
- (see DECKER, MUSSEY, MALKASIAN, AND JOHNSON), 171
- MYERS, RONALD E. (see SEEDS, KOCK, MYERS, STOLTE, AND HELLEGERS), 67

N

- NATHANSON, BERNARD N., LIEGNER, LEONARD M., RUDOLPH, JOHN D., AND HODARA, MORRIS, Dose verification studies in radium therapy of carcinoma of the cervix, 808
- NAYLOR, ALFRED F., Ethnoracial comparisons of intraclass correlations and mean gestation times in spontaneous abortion and perinatal death, 931
- NEGURA MADEROS, A. (see BĂDĂRĂU, GAVRILITA, NEGURA MADEROS, TOMOSOIU, AND IURCU), 257
- NELSON, GEORGE H. (see WHALEY, ZUSPAN, NELSON, AND AHLQUIST), 875
- NENNO, DONALD J. (see NISWANDER AND NENNO), 866 (Comm. in brief)
- NEWMAN, WARWICK, BRAID, DIANNE, AND WOOD, CARL, Fetal acid-base status. I. Relationship between maternal and fetal pCO<sub>2</sub>, 43
- , MITCHELL, PATRICIA, AND WOOD, CARL, Fetal acid-base status. II. Relationship between maternal and fetal blood bicarbonate concentrations, 52
- NICKERSON, CHARLES W., Amniotic sac dystocia in twins, 867 (Comm. in brief)
- NIEMANN, WENDALL H. (see FUJIKURA AND NIEMANN), 76
- NISWANDER, KENNETH R., AND NENNO, DONALD J., Rupture of the uterus with sparteine sulfate, 866 (Comm. in brief)

O

- OJO, O. A. (see JOHNSON AND OJO), 499
- OKLA, J., AND LESINSKI, J., Shirodkar's procedure in cervical incompetence, 13
- O'LEARY, JAMES A. (see MOORE, O'LEARY, AND JOHNSON), 507
- OSLER, M. (see FRIEDLAENDER AND OSLER), 894
- O'REILLY, SEAN, AND LONGIN, MARY, Ceruloplasmin and 5-hydroxyindole metabolism in pregnancy, 8
- OTTEY, EDWARD, STENGER, VINCENT, EITZMAN, DONALD, AND PRYSTOWSKY, HARRY, Further observations on the relationship of pyruvate and lactate in human pregnancy, 1076

P

- PALTI, YORAM, AND BERCOVICI, BRUNO, Photoplethysmographic study of the vaginal blood pulse, 143

- PARRISH, HENRY M., CARR, CAROLE A., SILBERG, STANLEY L., AND KING, THEODORE M., Relationship of pregnancy to coronary atherosclerosis, 1087
- PAULSEN, C. ALVIN (see GORDON AND PAULSEN), 85
- PENA, LEOPOLDO (see HUSNI, PENA, AND LENHART), 901
- PERDUE, GRACE M. (see HUDSPETH AND PERDUE), 573 (Comm. in brief)
- PEREDO, CESAR (see ALVARADO-DURÁN, BAZÁN, AND PEREDO), 367
- PETERSON, WILLIAM F., HANSEN, FRED W., STAUCH, JOHN E., AND RYDER, CONSTANCE D., Trichomonal vaginitis: Epidemiology and therapy, 472
- PINTO, ROBERTO MARTIN, LERNER, ULRICO, PONTELLI, HERMINIA, AND RABOW, WENCESLAO, Effect of estradiol-17 $\beta$  on oxytocin-induced contraction of the three separate layers of human pregnant myometrium, 881
- PIVEM, M. STEVEN, BOLOGNESE, RONALD J., AND FELDMAN, JULIAN D., Long-acting progesterone as a cause of missed abortion, 579 (Comm. in brief)
- PLOTZ, E. J., WIENER, M., STEIN, A. A., AND HAHN, B. D., Enzymatic activities related to steroid synthesis in common ovarian cancer, 1050
- (see BOBA, LINKIE, AND PLOTZ), 919
- POMEROY, THOMAS C. (see HOLZAEFFEL AND POMEROY), 625
- PONTELLI, HERMINIA (see PINTO, LERNER, PONTELLI, AND RABOW), 881
- PORGES, R. F. (see BELLER AND PORGES), 448
- PREININGER, MARCELA (see CARR), 252
- PRITCHARD, JACK A., AND BREKKEN, ALVIN L., Clinical and laboratory studies on severe abruptio placentae, 681
- PRYSOR-JONES, D. (see ATLAY AND PRYSOR-JONES), 577 (Comm. in brief)
- PRYSTOWSKY, HARRY (see OTTEY, STENGER, EITZMAN, AND PRYSTOWSKY), 1076

Q

- QUINTERO, CARLOS A. (see COBO, DE BERNAL, GAITAN, AND QUINTERO), 519

R

- RABOW, WENCESLAO (see PINTO, LERNER, PONTELLI, AND RABOW), 881
- REISENBERG, DONALD E., VAN PEENAN, HUBERT J., MILLER, WILLIAM V., SCHMIDT, MARY S., AND LUCAS, FRED V., Further evidence for cyclic activation of the heterochromatic X chromosome in human females, 91
- REMEDIO, M. R. (see SICA-BLANCO, ROZADA, AND REMEDIO), 1096
- REYNOLDS, E. O. R. (see RIVARD, MOTYAMA, ACHESON, COOK, AND REYNOLDS), 925
- RHODES, KATHERINE (see TALLEDO), 571 (Current investigation)
- RICE-WRAY, EDRIIS (see GUAL, BECERRA, RICE-WRAY, AND GOLDZIEHER), 443
- RICHART, RALPH M. (see WILBANKS AND RICHART), 1105
- RICKS, PHILANDER, JR., KAMINETZKY, HAROLD A., AND SWERDLOW, MARTIN, Variable response to treatment of the polycystic ovary, 94
- RIGSBY, WILLIAM C. (see DeVoe, RIGSBY, AND McDANIELS), 208
- RINGSORF, W. M., JR. (see CHIERASKIN, RINGSORF, HUTCHINS, SETYADMAJIA, AND WIDEMAN), 817
- RIVARD, GUY, MOTYAMA, ETSURO K., ACHESON, FIONA M., COOK, CHARLES D., AND REYNOLDS, E. O. R., The relation between maternal and fetal oxygen tensions in sheep, 925
- RIZKALLAH, TAWFIK H. (see TAYMOR AND RIZKALLAH), 448
- ROBINSON, DEREK, Precedents in fetal death, 936
- ROBLEE, MELVIN A., Femoral neuropathy from the lithotomy position: Case report and new leg holder for prevention, 871 (Comm. in brief)
- ROELS, HENDRIK J. L. (see THIERY, DEROM, VAN KETS, DE SCHAEFFRYVER, BERNARD, BEKAERT, HOOFT, DEROM, ROLLY, AND ROELS), 21

- ROLLY, GEORGES (see THIERY, DEROM, VAN KETS, DE SCHAEPRYVER, BERNARD, BEKAERT, HOOFT, DEROM, ROLLY, AND ROELS), 21
- ROMAN, T. N., BECK, R. P., AND LATOUR, J. P. A., Correlation of histologic grading with 5 year survival rates in endometrial carcinoma, 117
- AND LATOUR, J. P. A., The effect of early diagnosis on survival statistics in carcinoma of the uterine cervix, 739
- ROSENFELD, HOWARD (see LERNER, MARGOLIN, SLATE, AND ROSENFELD), 373
- ROSENKRANTZ, JENS G., GITHENS, JOHN H., COX, SHEILA M., AND KELLUM, DONALD L., Azothioprine (Imuran) and pregnancy, 387
- ROUX, J. F., AND ROMNEY, S. L., Plasma free fatty acids and glucose concentrations in the human fetus and newborn exposed to various environmental conditions, 268
- ROZADA, H. (see SICA-BLANCO, ROZADA, AND REMEDIO), 1096
- ROZIN, S., SACKS, M. I., AND SHENKER, J. G., Endometrial histology and clinical symptoms following prolonged retention of uterine contraceptive devices, 197
- RUDOLPH, JOHN D. (see NATHANSON, LIEGNER, RUDOLPH, AND HODARA), 808
- RUSO, JOSEPH N., AND KOSAR, WALTER P., The use of intramuscular oxytocin for the elective induction of labor, 203
- RUTLEDGE, FELIX, Cancer of the vagina, 635
- (see SMITH, RUTLEDGE, BURNS, AND SOFFAR), 800
- RYDER, CONSTANCE D. (see PETERSON, HANSEN, STAUCH, AND RYDER), 472
- S
- SACKS, MORTON, AND BAKER, T. HART, Spontaneous premature rupture of the membranes, 888
- (see ROZIN, SACKS, AND SHENKER), 197
- SALAZAR, HERNANDO, AND GONZÁLEZ-ÁNGULO, AMADOR, The fine structure of the human chorionic villi and placental transfer of iron in late pregnancy, 851
- SALING, ERICH (see BRETSCHER AND SALING), 906
- SAMOJLIK, E. (see LESINSKI, KURZEFA, AND SAMOJLIK), 249
- SANGHVI, L. D. (see KOLAH, MASTER, AND SANGHVI), 400
- SCHMIDT, MARY S. (see REISENBERG, VAN PEENAN, MILLER, SCHMIDT, AND LUCAS), 91
- SCHRUEFER, JOHN J. (see MESCHIA, BEHRMAN, HELLEGERS, SCHRUEFER, BATTAGLIA, AND BARRON), 1
- SCHULER, GRAHAM, GLASS, IRVING H., AND WHYTE, J. C., A practical approach to fetal electrocardiography, 546
- SCOTT, JAMES S., LUMSDEN, CHARLES E., AND LEVILL, MICHAEL J., Ovarian endocrine activity in association with hormonally inactive neoplasia, 161
- SEEDS, A. ELMORE, KOCK, HENRI C., MYERS, RONALD E., STOLTE, L. A. M., AND HELLEGERS, A. E., Changes in rhesus monkey amniotic fluid pH, pCO<sub>2</sub>, and bicarbonate concentration following maternal and fetal hypercarbia and fetal death in utero, 67
- SEITCHIK, JOSEPH, Body composition and energy expenditure during rest and work in pregnancy, 701
- SETYAADMADJA, A. T. S. H. (see CHERASKIN, RINGSDORF, SETYAADMADJA, AND WIDEMAN), 817
- SWERDLOW, MARTIN (see RICKS, KAMINETZKY, AND SWERDLOW), 94
- SHABANAH, E. H. (see MAUGHAN, SHABANAH, AND TOTH), 764
- SHAPIRO, LEONARD H., AND LENTZ, JOHN W., Clinical evaluation of treatment of gonorrhea in the female, 968
- SHAPIRO, N. Z., KIRSCHBAUM, T., AND ASSALI, N. S., Mental exercise in placental transfer, 130 (Current developments)
- SHENKER, J. G. (see ROZIN, SACKS, AND SHENKER), 197
- SHIPKOWITZ, IRVING, AND MENGERT, WILLIAM F., Urinary bladder care after vaginal operation, 828
- SICA-BLANCO, Y., ROZADA, H., AND REMEDIO, M. R., Effect of meperidine on uterine contractility during pregnancy and prelabor, 1056
- SILBERG, STANLEY L. (see PARRISH, CABER, SILBERG, AND KING), 1087
- SIMMONS, RICHARD L., CRUSE, VIRGINIA, AND MCKAY, DONALD G., The immunologic problem of pregnancy. II. Ultrastructure of isogenic and allogeneic trophoblastic transplants, 218
- SLATE, WILLIAM G. (see LERNER, MARGOLIN, SLATE, AND ROSENFELD), 373
- SMITH, JIMMIE B. (see ARAKAKI, WAXMAN, AND SMITH), 868 (Comm. in brief)
- SMITH, JULIAN P., RUTLEDGE, FELIX, BURNS, BEAURY C., JR., AND SOFFAR, SAUL, Systemic chemotherapy for carcinoma of the cervix, 800
- SOFFAR, SAUL (see SMITH, RUTLEDGE, BURNS, AND SOFFAR), 800
- SPASOV, SPAS A. (see DOKUMOV AND SPASOV), 714 (Current investigation)
- SPELLACY, W. N., AND COHEN, W. D., Clomiphene treatment of prolonged secondary amenorrhea associated with pituitary gonadotropin deficiency, 943
- , COHEN, WILLIAM D., AND CARLSON, KAREN L., Human placental lactogen levels as a measure of placental function, 560 (Current investigation)
- SPIRA, H. (see VAGO AND SPIRA), 872 (Comm. in brief)
- SPIVAK, MANUEL M., Therapeutic abortion, 316
- STAUCH, JOHN E. (see PETERSON, HANSEN, STAUCH, AND RYDER), 472
- STEIN, A. A. (see PLOTZ, WIENER, STEIN, AND HAHN), 1050
- STENGER, VINCENT (see OTEY, STENGER, EITZMAN, AND PRYSTOWSKY), 1076
- STEWART, A. G., TAYLOR, W. C., AND BECK, R. P., Amniotic fluid bilirubin levels and the Rh-isoinfused mother, 338
- STOLTE, L. A. M. (see SEEDS, KOCK, MYERS, STOLTE, AND HELLEGERS), 67
- STRESHINSKY, NAOMI (see MINKLER AND STRESHINSKY), 411 (Pertinent comments)
- SUMMERSON, DONALD J. (see KILLAM, GRILLO, AND SUMMERSON), 278 (Comm. in brief)
- SUN, HUN H. (see KENDALL, AMOSS, SUN, HAHN, AND FARELL), 1129
- SUTARIA, U. D. (see DEVI, SUTARIA, ASOLKAR, AND DESHMUKH), 39
- SWARTWOUT, JOSEPH R. (see WRIGHT AND SWARTWOUT), 181
- SWARTZ, D. P., BULLARD, T. H., AND FELTON, H. T., The introduction of contraception in an urban public hospital, 189
- SYBULSKI, S., AND TREMBLAY, P. C., Uptake and incorporation into protein of radioactive glycine by human placentas in vitro, 1111
- SYMMONDS, RICHARD E. (see THOMPSON, DOCKERTY, SYMMONDS, AND HAYLES), 1059
- T
- TALLEDO, O. EDUARDO, Renin-angiotensin system in normal and toxemic pregnancies. II. Inactivation of angiotensin in normal pregnancy, 571
- TAYLOR, W. C. (see STEWART, TAYLOR, AND BECK), 338
- TAYMOR, MELVIN L., AND RIZKALLAH, TAWFIK H., Progestogen-estrogen therapy in the menopause, 460
- THIERY, MICHEL, DEROM, ROBERT M. J., VAN KETS, HENRY E., DE SCHAEPRYVER, ANDRÉ F., BERNARD, PAUL J., BEKAERT, STEPHANE A. L., HOOFT, CARLOS M. J., DEROM, FRITZ, ROLLY, GEORGES, AND ROELS, HENDRIK J. L., Pheochromocytoma in pregnancy, 21
- THOMPSON, JAMES P., DOCKERTY, MALCOLM B., SYMMONDS, RICHARD E., AND HAYLES, ALVIN B., Ovarian and parovarian tumors in infants and children, 1059
- TOBIN, SIDNEY M., Carpal tunnel syndrome, 493

- TOMOSOIU, D. (see BĂDĂRĂU, GAVRILITA, NEGURA MARDEROS, TOMOSOIU, AND IURCU), 257  
TOTH, A. (see MAUGHAN, SHABANAH, AND TOTH), 764  
TOW, W. S. H. (see FOX AND TOW), 379  
TRELFOED, JOHN D., FITZ, G. ROBERT, AND WILLIAMS, THOMAS E., JR., Perineal reconstruction following radical vulvectomy, 1066  
TREMBLAY, P. C. (see SYBULSKI AND TREMBLAY), 1111  
TURNBULL, ALEXANDER C. (see ANDERSON, TURNBULL, AND MURRAY), 992 (Pertinent comments)

U

- ULLERY, JOHN C. (see BOUTSELIS, VORYS, AND ULLERY), 949

V

- VAGO, T., AND SPIRA, H., Pregnancy in a bicornuate uterus after insertion of a Lipps loop (on the horns of a dilemma), 872 (Comm. in brief)  
VAN KETS, HENRY E. (see THIERY, DEROM, VAN KETS, DE SCHAEFFRYVER, BERNARD, BEKAERT, HOOFT, DEROM, ROLLY, AND ROELS), 21  
VAN PEENAN, HUBERT J. (see REISENBORG, VAN PEENAN, MILLER, SCHMIDT, AND LUCAS), 91  
VORYS, N. (see BOUTSELIS, VORYS, AND ULLERY), 949

W

- WALL, JOHN A., COLLINS, VINCENT P., KAPLAN, ALAN L., AND HUDGINS, PHILIP T., Adenocarcinoma of the endometrium, 787  
WALLACH, EDWARD E., BEER, ALAN E., AND GARCIA, CELSO-RAMON, Patient acceptance of oral contraceptives. I. The American Indian, 984 (Pertinent comments)  
WANG, MAY Y. F., WOO, MCCUTCHEON, ELGIN, AND DESFORGES, JANE F., Fetomaternal hemorrhage from diagnostic transabdominal amniocentesis, 1123  
WAXMAN, SORRELL H. (see ARAKAKI, WAXMAN, AND SMITH), 868 (Comm. in brief)  
WEAVER, RICHARD J., AND WILSON, ROBERT, Endometrial carcinoma with psammoma bodies in the vaginal smear, 869 (Comm. in brief)  
WEED, JOHN C., Management of vesicovaginal fistula, 1071  
WELCH, JOHN S. (see LEE AND WELCH), 974

- WHALEY, WILLIAM H., ZUSPAN, FREDERICK P., NELSON, GEORGE H., AND AHLQUIST, RAYMOND P., Alterations of plasma free fatty acids and glucose during labor, 875  
WHALEY, PEGGY, Bacteriuria of pregnancy, 723 (Current developments)  
WHITELAW, M. J., FOSTER, T. N., AND GRAHAM, W. H., Comparative study of the effects of estradiol valerate on the prepubertal and pubertal female, 1041  
WHYTE, J. C. (see SCHULER, GLASS, AND WHYTE), 546  
WIDEMAN, G. L. (see CHERASKIN, RINGSDORF, SETYAADMADJA, AND WIDEMAN), 817  
WIENER, M. (see PLOTZ, WIENER, STEIN, AND HAHN), 1050  
WILBANKS, GEORGE D., AND RICHART, RALPH M., The puerperal cervix, injuries and healing, 1105  
WILLIAMS, THOMAS E., JR. (see TRELFOED, FITZ, AND WILLIAMS), 1066  
WILSON, ROBERT (see WEAVER AND WILSON), 869 (Comm. in brief)  
WOOD, CARL (see NEWMAN, BRAID, AND WOOD), 43  
—— (see NEWMAN, MITCHELL, AND WOOD), 52  
WRIGHT, NICHOLAS H., AND SWARTWOUT, JOSEPH R., A program in mass family planning for the urban indigent in a charity hospital, 181  
WYNN, RALPH M., Derivation and ultrastructure of the so-called Hofbauer cell, 235  
——, Fetomaternal cellular relations in the human basal plate: An ultrastructural study of the placenta, 832

Y

- YOKATA, NAOMI (see IGARASHI, IBUKI, KUBO, KAMIOKA, YOKATA, ERARA, AND MATSUMOTO), 120 (Current investigation)

Z

- ZAROU, DONALD M., ESPOSITO, JOHN M., AND ZAROU, GEORGE S., Continuous intravenous analgesia in labor, 1101  
ZAROU, GEORGE S. (see ZAROU, ESPOSITO, AND ZAROU), 1101  
ZIGHELBOIM, ITIC (see DE ALVAREZ, GOODALL, AND ZIGHELBOIM), 419 (Current developments)  
ZUSPAN, FREDERICK P. (see WHALEY, ZUSPAN, NELSON, AND AHLQUIST), 875

## Subject index\*

### A

- Abdomen, maternal, noise-free fetal electrocardiogram recorded from (Kendall et al.), 1129
- Abdominal trauma, blunt external, causing fetal death (Atlay and Prysor-Jones), 577 (Comm. in brief)
- Abortion, habitual, some cytogenetic aspects of (Jacobson and Barter), 666
- incomplete, management of, on outpatient basis (Decenzo and Cavanagh), 17
- missed, long-acting progesterone as cause of (Piver, Bolognese, and Feldman), 579 (Comm. in brief)
- spontaneous, chromosome anomalies as cause of (Carr), 283
- and perinatal death, ethn racial comparison of intra-class correlations and mean gestation times in (Naylor), 931
- therapeutic (Spivak), 316
- Abruptio placentae, severe, clinical and laboratory studies on (Pritchard and Brekken), 681
- Acid-base status, fetal. II. Relationship between maternal and fetal blood bicarbonate concentrations (Newman, Mitchell, and Wood), 52
- pCO<sub>2</sub> (Newman, Braid, and Wood), 43
- Acid-soluble nucleotides, comparison of, across human placenta (Hayashi and Baker), 58
- in human placenta and amniochorionic membrane (Hayashi), 1119
- Adenocarcinoma of endometrium (Wall et al.), 787
- Adjuvant therapy for advanced ovarian malignancy (Decker et al.), 171
- Adoption, dilemmas in, case studies of adoptive process illustrating role of caseworker (Minkler and Streshinsky), 411 (Pertinent comments)
- Adrenal cortical steroidogenesis in dogs, effect of clomiphene on (Cushman and Hilton), 958
- Adnexa, uterine, torsion of (Lee and Welch), 974
- Allogeneic trophoblastic transplants, isogenic and, ultrastructure (Simmons, Cruse, and McKay), 218
- Amenorrhea, secondary, associated with pituitary gonadotropin deficiency, clomiphene treatment of (Spelacy and Cohen), 943
- American Association of Obstetricians and Gynecologists, transactions of seventy-seventh annual meeting, 583-713, 739-799
- twenty-fifth annual foundation prize, 282, 582 (Items)
- of Planned Parenthood Physicians, 582 (Items)
- Board of Obstetrics and Gynecology, Inc., examinations, 282, 582 (Items)
- Amniocentesis, transabdominal, diagnostic, fetomaternal hemorrhage from (Wang, McCutcheon, and Desforges), 1123
- Amniochorionic membrane, acid-soluble nucleotides in human placenta and (Hayashi), 1119
- Amniotic fluid bilirubin levels and Rh-immunized mother (Stewart, Taylor, and Beck), 338
- in anencephaly (Cassady and Cailliteau), 395
- oxygen tensions in severe maternal anemia (Johnson and Ojo), 499

### Amniotic fluid—Cont'd

- pH, pCO<sub>2</sub>, and bicarbonate concentration following material and fetal hypercarbia and fetal death in utero, changes in rhesus monkey (Seeds et al.), 67
- pressure and uterine wall tension in pregnancy, relationship between (Anderson, Turnbull, and Murray), 992 (Pertinent comments)
- sac dystocia in twins (Nickerson), 867 (Comm. in brief)
- Analgesia, continuous intravenous, during labor (Zarou, Esposito, and Zarou), 1101
- Anatomic urinary incontinence, management of, by vaginal repair (Low), 308
- Anemia, severe maternal, amniotic fluid oxygen tensions in (Johnson and Ojo), 499
- Anencephalic fetus, estrogen production in woman pregnant with (Hausknecht), 1085
- Anencephaly, amniotic fluid in (Cassady and Cailliteau), 395
- Anesthesia, continuous paracervical block (Alvarado-Durán, Bazán, and Peredo), 367
- epidural, effect of, on oxytocin-induced labor (Henry, Kingston, and Maughan), 350
- single-shot caudal, optimum conditions for administration of (Chun, Gunderson, and Chung), 360
- Angiotensin system in, renin-, in normal pregnancy, inactivation of (Talledo), 571 (Current investigation)
- renin-, in normal and toxemic pregnancies (Talledo), 571 (Current investigation)
- Anomalies, chromosome, as cause of spontaneous abortion (Carr), 283
- Annual foundation prize, American Association of Obstetricians and Gynecologists twenty-fifth, 282 (Items)
- Aortas, electrolyte changes in, of hypertensive pregnant and nonpregnant animals (Douglas, Carrier, and Garret), 1092
- Apgar score and neonatal blood pressure (Contis and Lind), 1135
- Assay, quantitative, of human chorionic gonadotropin (Haskins), 777
- Asymptomatic puerperal bacteremia, reappraisal of (Baker and Hubbell), 575 (Comm. in brief)
- Atherosclerosis, coronary, pregnancy and, relationship of (Parrish et al.), 1087
- Avascularity, villous, and its functional significance in 3- to 20-week-old placentas of normal pregnancy (Bădărău et al.), 257
- Azothioprine (Imuran) and pregnancy (Rosenkrantz et al.), 387

### B

- Bacteremia, asymptomatic puerperal, reappraisal of (Baker and Hubbell), 575 (Comm. in brief)
- Bacteriuria in pregnancy (Whalley), 723 (Current developments)
- Basal plate, human, fetomaternal cellular relations in—ultrastructural study of placenta (Wynn), 832

\*January 1, 1-142; January 15, 143-282; February 1, 283-442; February 15, 433-582; March 1, 583-738; March 15, 739-874; April 1, 875-1032; April 15, 1033-1172.

- Bladder, urinary, care after vaginal operation (Shipkowitz and Mengert), 828
- Bilirubin levels, amniotic fluid, and Rh-isoinmunized mother (Stewart, Taylor, and Beck), 338
- Birth, changes at, some aspects of fetal life in utero and (Assali), 324  
weight, gestational age, and type of delivery in rhesus monkeys (Fujikura and Niemann), 76  
and race, intrauterine pneumonia in relation to (Fujikura and Froehlich), 81
- Block, continuous paracervical (Alvarado-Durán, Bazán, and Peredo), 367
- Blood bicarbonate concentrations, maternal and fetal, relationship between (Newman, Mitchell, and Wood), 52
- coagulation and fibrinolytic enzyme studies during cyclic and continuous application of progestational agents (Beller and Porges), 448
- flow, uterine, in pregnant rhesus monkey (Meschia et al.), 1
- pH, fetal, as reflection of fetal well-being, evaluation of (McDonald), 912  
and fetal heart rate in human fetuses during labor, relationship between (Méndez-Bauer et al.), 530
- pressure elevation, postterm, produced by uterine wrapping (Douglas and Langford), 231
- neonatal, Apgar score and (Contis and Lind), 1135
- proteins, cord, versus respiratory distress syndrome (Dilts), 1145
- whole, oxygen affinities of women with various hemoglobinopathies (Moore, Battaglia, and Hellegers), 63
- Body composition and energy expenditure during rest and work in pregnancy (Seitchik), 701

# C

- Canadian Society for Study of Sterility, 1154 (Items)
- Cancer (*see also* carcinoma)  
Cytology Congress, third Pan American, 1154 (Items)  
gynecologic, pregnancy and, fatty acid composition of serum lipids in (de Alvarez, Goodell, and Zigheboim), 419 (Current developments)  
ovarian, common, enzymatic activities related to steroid synthesis in (Plotz et al.), 1050  
of vagina (Rutledge), 635
- Cannula, sounding, multipurpose (Edmonds and Cruse), 1152 (Comm. in brief)
- Carbohydrate metabolism and cervical (uterine) carcinoma (Cheraskin et al.), 817
- Carcinoma (*see also* cancer)  
cervical, carbohydrate metabolism and (Cheraskin et al.), 817  
effect of early diagnosis on survival statistics (Roman and Latour), 739  
intraepithelial, in association with pregnancy (Mussey and Decker), 30  
radium therapy of, dose verification studies (Nathanson et al.), 808  
systemic chemotherapy for (Smith et al.), 800  
endometrial, 5 year survival rates in, correlation of histologic grading with (Roman, Beck, and Latour), 117  
chromosomes of atypical (adenomatous) hyperplasia and (Katayama and Jones), 978 (Current investigation)  
with psammoma bodies in vaginal smear (Weaver and Wilson), 869 (Comm. in brief)  
in Saskatchewan (Carmichael and Bean), 294

- Carpal tunnel syndrome in pregnancy (Tobin), 493
- Caudal anesthesia, single-shot, optimum conditions for administration of (Chun, Gunderson, and Chung), 360
- Cellular relations, fetomaternal, in human basal plate—ultrastructural study of placenta (Wynn), 832
- Cephalometry, ultrasonic fetal, evaluation of (Kohorn), 553
- Ceruloplasmin and 5-hydroxyindole metabolism in pregnancy (O'Reilly and Loncin), 8
- Cervical epithelium, uterine, of fetal and immature human females in relation to estrogenic stimulation (Graham), 1033  
incompetence, Shirodkar's procedure in (Okla and Lesinski), 13  
(uterine) carcinoma, carbohydrate metabolism and (Cheraskin et al.), 817
- Cervix, carcinoma of, intraepithelial, in association with pregnancy (Mussey and Decker), 30  
radium therapy of, dose verification studies in (Nathanson et al.), 808  
systemic chemotherapy for (Smith et al.), 800  
puerperal, injuries and healing (Wilbanks and Richart), 1105  
uterine, carcinoma of, effect of early diagnosis on survival statistics in (Roman and Latour), 739
- Chemotherapy, systemic, for carcinoma of cervix (Smith et al.), 800
- Chiari-Frommel syndrome, recurrent, following 3 pregnancies (Hudspeth and Perdue), 573 (Comm. in brief)
- Chicken plasma, sheep plasma, vitamin A, and hydrocortisone in syncytial dissolution (Carr), 252
- Choriocarcinoma, serum immunologic chorionic gonadotropin assays for diagnosis, treatment evaluation, and comparative testing in 16 cases of (Fox and Tow), 379
- Chorionic gonadotropin, serial immunologic assays for diagnosis, treatment evaluation, and comparative testing in 16 cases of choriocarcinoma (Fox and Tow), 379  
villi, human, fine structure of, and placental transfer of iron in late pregnancy (Salazar and González-Angulo), 851
- Chromosome anomalies as cause of spontaneous abortion (Carr), 283  
of atypical (adenomatous) hyperplasia and carcinoma of endometrium (Katayama and Jones), 978 (Current investigation)  
heterochromatic X, in human females, further evidence for cyclic activation of (Reisenberg et al.), 91
- Chronic uterine ischemia and reversible experimental toxemia of pregnancy (Hodari), 597
- Clinical problems, 719-722
- Clomiphene, action of, mode and site (Igarashi et al.), 120 (Current investigation)  
control of ovulation time and cycle length with (Boutselis, Vorys, and Ullery), 949  
effect of, on adrenal cortical steroidogenesis in dogs (Cushman and Hilton), 958  
treatment of prolonged secondary amenorrhea associated with pituitary gonadotropin deficiency (Spellacy and Cohen), 943
- Communications in brief, 573-581, 866-873, 1149-1153
- Congenital malformations and perinatal mortality in Bombay (Kolah, Master, and Sanghvi), 400
- Continuous paracervical block (Alvarado-Durán, Bazán, and Peredo), 367
- Contraception in urban public hospital, introduction of (Swartz, Bullard, and Felton), 189



- Contraceptive device insertion, intrauterine, uterine bleeding in prepubertal monkeys after (Kar and Chandra), 279 (Comm. in brief)
- uterine, endometrial and clinical symptoms following prolonged retention (Rozin, Sacks, and Shenker), 197
- oral, patient acceptance of (Wallach, Beer, and Garcia), 984 (Pertinent comments)
- Cord blood proteins versus respiratory distress syndrome (Dilts), 1145
- ligation, timing of, and newborn respiratory distress (Frank and Gabriel), 1142
- Coronary atherosclerosis, pregnancy and, relationship of (Parrish et al.), 1087
- Cortisone-induced homograft survival, interference of, by progestins (Hulka and Mohr), 407 (Current investigation)
- Current developments, 130, 419, 723, 998
- investigation, 120-123, 407-410, 560-572, 714-718, 978-983
- Cycle length, ovulation time and, control of, with clomiphene citrate (Boutselis, Vorys, and Ullery), 949
- Cyclic activation of heterochromatic X chromosome in human females, further evidence for (Reisenberg et al.), 91
- Cyclophosphamide (Decker et al.), 656
- Cytogenetic aspects of habitual abortion, some (Jacobson and Barter), 666
- Cytogenetics, endometrial and fetal (Arakaki, Waxman, and Smith), 868 (Comm. in brief)
- Cytology, peritoneal lavage for (Floyd, Boyce, and Evans), 1150 (Comm. in brief)

## D

- Death, fetal, precedents of (Robinson), 936
- perinatal, ethnoracial comparisons of intraclass correlations and mean gestation times in spontaneous abortion and (Naylor), 931
- Delivery patterns and reproductive efficiency among groups differing in socioeconomic status and ethnic origins (Hendricks), 608
- pregnancy and, after uterosigmoidostomy (Killam, Grillo, and Summerson), 278 (Comm. in brief)
- Dose verification studies in radium therapy of carcinoma of cervix (Nathanson et al.), 808
- Double pregnancy in uterus duplex unicollis (Getts), 277 (Comm. in brief)
- Dystocia, amniotic sac, in twins (Nickerson), 867 (Comm. in brief)

## E

- Elective induction of labor, use of intramuscular oxytocin for (Russo and Kosar), 203
- Electrocardiography, fetal, practical approach (Schuler, Glass, and Whyte), 546
- noise-free fetal, recorded from maternal abdomen (Kendall et al.), 1129
- Electrolyte changes in aortas of hypertensive pregnant and nonpregnant animals (Douglas, Carrier, and Garret), 1092
- Endocrine activity, ovarian, in association with hormonally inactive neoplasia (Scott, Lumsden, and Levell), 161
- factors in endometrial carcinoma (Dunn and Bradbury), 465

- Endometrial carcinoma, correlation of histologic grading with 5 year survival rates in (Roman, Beck, and Latour), 117
- endocrine factors in (Dunn and Bradbury), 465
- with psammoma bodies in vaginal smear (Weaver and Wilson), 869 (Comm. in brief)
- and fetal cytogenetics (Arakaki, Waxman, and Smith), 868 (Comm. in brief)
- histology and clinical symptoms following prolonged retention of uterine contraceptive devices (Rozin, Sacks, and Shenker), 197
- Endometrium, adenocarcinoma of (Wall et al.), 787
- carcinoma of, chromosomes of atypical (adenomatous), hyperplasia and (Katayama and Jones), 978 (Current investigation)
- in Saskatchewan (Carmichael and Bean), 294
- postmenopausal, enzyme histochemical studies in, in symptom-free patients (Mansour and Baradi), 109
- Energy expenditure, body composition and, during rest and work in pregnancy (Seitchik), 701
- Environmental conditions, human fetus and newborn exposed to various, plasma free fatty acids and glucose in (Roux and Romney), 268
- Enzymatic activities related to steroid synthesis in common ovarian cancer (Plotz et al.), 1050
- histochemical study of endometrium in symptom-free patients (Mansour and Baradi), 109
- studies, fibrinolytic, blood coagulation and, during cyclic and continuous administration of progestational agents (Beller and Porges), 448
- Epidural anesthesia, effect of, on oxytocin-induced labor (Henry, Kingston, and Maughan), 350
- Epithelium, uterine cervical, of fetal and immature human females in relation to estrogenic stimulation (Graham), 1033
- Erythroblastosis, intrauterine fetal transfusion for (Friesen et al.), 343
- Estradiol-17 $\beta$ , effect of, on oxytocin-induced contraction of three separate layers of human pregnant myometrium (Pinto et al.), 881
- valerate, effect of, on prepubertal and pubertal female, comparative study of (Whitelaw, Foster, and Graham), 1041
- Estrogens, inhibition of ovulation by (Gual et al.), 443
- production in woman pregnant with anencephalic fetus (Hausknecht), 1085
- progestogen-, therapy in menopause (Taymor and Rizkallah), 460
- stimulation, uterine cervical epithelium of fetal and immature human females in relation to (Graham), 1033
- Ethnic origins, socioeconomic status and, delivery patterns and reproductive efficiency among groups of differing (Hendricks), 608
- Examinations, American Board of Obstetrics and Gynecology, Inc., 282 (Items)
- Explant tissue culture, human term placental villi in (Carr), 252
- External abdominal trauma, blunt, causing fetal death (Atlay and Pryor-Jones), 577 (Comm. in brief)

## F

- Family planning, program in, mass, for urban indigent in charity hospital (Wright and Swartwout), 181
- Fatty acid composition of lipids in pregnancy and gynecologic cancer (de Alvarez, Goodell, and Zighelboim), 419 (Current developments)

- Femoral neuropathy from lithotomy position: Case report and new leg holder for prevention (Roblee), 871 (Comm. in brief)
- Fertility and sterility, VI World Congress on, 582 (Items)
- Fetal blood pH as reflection of fetal well-being, evaluation of (McDonald), 912
- cephalometry, ultrasonic, evaluation of (Kohorn), 553
- cytogenetics, endometrial and (Arakaki, Waxman, and Smith), 868 (Comm. in brief)
- death, blunt external abdominal trauma causing (Atlay and Pryor-Jones), 577 (Comm. in brief)
- in utero, heparin in treatment of hypofibrinogenemia complicating (Lerner et al.), 373
- precedents in (Robinson), 936
- electrocardiogram, noise-free, recorded from maternal abdomen (Kendall et al.), 1129
- practical approach (Schuler, Glass, and Whyte), 546
- growth and development, hormone excretion as measurement of (Macnaughton), 998 (Current developments)
- life in utero and changes at birth, some aspects (Assali), 324
- oxygen tensions, maternal and, in sheep, relation between (Rivard et al.), 925
- responses to maternal oxygen inhalation during hemorrhagic stress (Boba, Linkie, and Plotz), 919
- well-being, fetal blood pH as reflection of, evaluation of (McDonald), 912
- Fetus, human, during labor, pH values in (Bretscher and Saling), 906
- and newborn, human, exposed to various environmental conditions, plasma free fatty acids and glucose concentrations in (Roux and Romney), 268
- Fibrinolytic enzyme studies, blood coagulation and, during cyclic application of progestational agents (Beller and Porges), 448
- Fistula, vesicovaginal, management of (Weed), 1071
- Free fatty acids, plasma, and glucose concentrations in human fetus and newborn exposed to various environmental conditions (Roux and Romney), 268
- during labor, alterations of (Whaley et al.), 875

## G

- Glucose, alterations of plasma free fatty acids and, during labor (Whaley et al.), 875
- tolerance tests, oral and intravenous, in pregnancy, comparative validity of (Benjamin and Casper), 488
- Glycine, radioactive, uptake and incorporation of protein into, by human placentas in vitro (Sybulski and Tremblay), 1111
- Gonadotropin deficiency, pituitary, clomiphene treatment of prolonged secondary amenorrhea associated with (Spellacy and Cohen), 943
- human chorionic, immunization with, pregnancy in rabbit following (Glass and Mroueh), 1082
- Gonorrhea, treatment of, in female, clinical evaluation (Shapiro and Lentz), 968
- Growth and development, fetal, hormone excretion as measurement of (Macnaughton), 998 (Current developments)
- Gynec stress, nutritional aspects of (McGanity, Fujino, and Dawson), 750
- Gynecologic malignancies, megavoltage therapy for (Holzapfel and Pomeroy), 625
- Gynecology, art of, in computer age (MacLennan), 590

## H

- Habitual abortion, some cytogenetic aspects of (Jacobson and Barter), 666

- Heart rate, relationship between blood pH and, in human fetus during labor (Mendéz-Bauer et al.), 530
- Hemoglobinopathies, whole blood oxygen affinities of women with various (Moore, Battaglia, and Hellegers), 63
- Hemorrhage, fetomaternal, from diagnostic transabdominal amniocentesis (Wang, A Cutcheon, and Desforjes), 1123
- Hemorrhagic stress, fetal responses to material oxygen inhalation during (Boba, Linkie, and Plotz), 919
- Heparin in treatment of hypofibrinogenemia complicating fetal death in utero (Lerner et al.), 373
- Histologic grading and 5 year survival rates in endometrial carcinoma, correlation of (Roman, Beck, and Latour), 117
- Heterochromatic X chromosome in human females, cyclic activation of, further evidence for (Reisenberg et al.), 91
- Hofbauer cell, derivation and ultrastructure of so-called (Wynn), 235
- Homograft survival, interference of cortisone-induced, by progestins (Hulka and Mohr), 407 (Current investigation)
- Hormone assays, serial, in patients with uteroplacental insufficiency (Bell et al.), 562 (Current investigation)
- excretion as measurement of fetal growth and development (Macnaughton), 998 (Current developments)
- release, neurohypophyseal, in human (Cobo et al.), 519
- sex, sex chromatin and (Dokumov and Spasov), 714 (Current investigation)
- Human chorionic gonadotropin, immunization with, pregnancy in rabbit following (Glass and Mroueh), 1082
- quantitative assay of (Haskins), 777
- villi, fine structure of, and placental transfer of iron in late pregnancy (Salazar and González-Angulo), 851
- placental lactogen level as measurement of placental function (Spellacy, Cohen, and Carlson), 560 (Current investigation)
- Hydrocortisone, chicken plasma, sheep plasma, vitamin A, and, in syncytial dissolution (Carr), 252
- 5-Hydroxyindole metabolism, ceruloplasmin and, in pregnancy (O'Reilly and Loncin), 8
- 5-Hydroxytryptamine level in rat placenta and fetuses, influence of phenelzine on (Lesinski, Kurzepa, and Samojlik), 249
- Hypercarbia, maternal and fetal, and fetal death in utero, changes in rhesus monkey amniotic fluid pH, pCO<sub>2</sub>, and bicarbonate concentration following (Seeds et al.), 67
- Hyperplasia and carcinoma of endometrium, chromosomes of atypical (adenomatous) (Katayama and Jones), 978 (Current investigation)
- Hypertensive pregnant and nonpregnant animals, electrolyte changes in aortas of (Douglas, Carrier, and Garret), 1092
- Hypofibrinogenemia complicating fetal death in utero, heparin in treatment (Lerner et al.), 373

## I

- Icterus and pregnancy (Friedlaender and Osler), 894
- Immunization with human chorionic gonadotropin, pregnancy in rabbit following (Glass and Mroueh), 1082

- Immunologic problem of pregnancy (Simmons, Cruse, and McKay), 218
- Incomplete abortion, management of, on outpatient basis (Decenzo and Cavanagh), 17
- Incontinence, anatomic urinary, management of, by vaginal repair (Low), 308
- Induction of labor, elective, use of intramuscular oxytocin for (Russo and Kosar), 203
- Infections in pregnancy, latent urinary tract, diagnosis (Devi et al.), 39
- Intraepithelial carcinoma of cervix in association with pregnancy (Mussey and Decker), 30
- Intramuscular oxytocin, use of, for elective induction of labor (Russo and Kosar), 203
- Intranasal oxytocin, effect of, on pregnant uterus (DeVoe, Rigsby, and McDaniels), 208
- Intrauterine contraceptive device insertion, uterine bleeding in prepubertal rhesus monkeys after (Kar and Chandra), 279 (Comm. in brief)
- fetal transfusions for erythroblastosis (Friesen et al.), 343
- pneumonia in relation to birth weight and race (Fujikura and Froehlich), 81
- Intravenous analgesia in labor, continuous (Zarou, Esposito, and Zarou), 1101
- glucose tolerance tests, oral and, in pregnancy, comparative validity of (Benjamin and Casper), 488
- Iron, placental transfer of, in late pregnancy, fine structure of human chorionic villi and (Salazar and González-Angulo), 851
- Irrigation smear technique, vaginal, evaluation of (Carrow et al.), 821
- Ischemia, chronic uterine, and reversible experimental toxemia of pregnancy (Hodari), 597
- Isogenic and allogenic trophoblastic transplants, ultrastructure (Simmons, Cruse, and McKay), 218
- Items, 282, 582, 874, 1154

## L

- Labor, continuous intravenous analgesia during (Zarou, Esposito, and Zarou), 1101
- elective induction of, use of intramuscular oxytocin for (Russo and Kosar), 203
- oxytocin-induced, effect of epidural anesthesia on (Henry, Kingston, and Maughan), 350
- pH values in human fetus during (Bretscher and Saling), 906
- plasma free fatty acids and glucose during, alterations of (Whaley et al.), 875
- relationship between blood pH and heart rate in human fetus during (Méndez-Bauer et al.), 530
- Lactate, pyruvate and, in human pregnancy, further observations on relationships of (Otey et al.), 1076
- Lactation, experimental study during (Cobo et al.), 519
- Lavage, peritoneal, for cytology (Floyd, Boyce, and Evans), 1150 (Comm. in brief)
- Leg holder, new, for prevention of femoral neuropathy (Roblee), 871 (Comm. in brief)
- Length-tension relationship, active, in human uterine muscle (Conrad and Kuhn), 154
- Lippes loop, pregnancy in bicornuate uterus after insertion of (Vago and Spira), 872 (Comm. in brief)
- Lithotomy position, femoral neuropathy from—case report and new leg holder for prevention (Roblee), 871 (Comm. in brief)

- Lymphocyte transformation in response to phytohemagglutinin during and following pregnancy (Comings), 213

## M

- Malformations, congenital, and perinatal mortality in Bombay (Kolah, Master, and Sanghvi), 400
- Malignancy, advanced ovarian, adjuvant therapy for (Decker et al.), 171
- gynecologic, megavoltage therapy for (Holzaepfel and Pomeroy), 625
- Mass family planning, program in, for urban indigent in charity hospital (Wright and Swartwout), 181
- Maternal and fetal oxygen tensions in sheep, relations between (Rivard et al.), 925
- oxygen inhalation, fetal responses to, during hemorrhagic stress (Boba, Linkie, and Plotz), 919
- Megavoltage therapy for gynecologic malignancies (Holzaepfel and Pomeroy), 625
- Membranes, spontaneous premature rupture of (Sacks and Baker), 888
- Menopause, premature, in XO/XX/XXX/XXXXX mosaicism (Gordon and Paulsen), 85
- progestogen-estrogen therapy in (Taymor and Rizkallah), 460
- Meperidine, effect of, on uterine contractility during pregnancy and prelabor (Sica-Blanco, Rorada, and Remedio), 1096
- Mesodermal tumor, mixed, of ovary (Edghill, Gardiner, and Hayes), 578 (Comm. in brief)
- Metabolism, carbohydrate, and cervical (uterine) carcinoma (Cheraskin et al.), 817
- Missed abortion, long-acting progesterone as cause of (Piver, Bolognese, and Feldman), 579 (Comm. in brief)
- Mixed mesodermal tumor of ovary (Edghill, Gardiner, and Hayes), 578 (Comm. in brief)
- Mortality, perinatal, congenital malformations and, in Bombay (Kolah, Master, and Sanghvi), 400
- Mosaicism, XO/XX/XXX/XXXXX, premature menopause in (Gordon and Paulsen), 85
- Muscle, human uterine, active length-tension relationship in (Conrad and Kuhn), 154
- Myometrium, pregnant human, effect of estradiol-17 $\beta$  oxytocin-induced contraction of three separate layers of (Pinto et al.), 881

## N

- Neoplasia, hormonally inactive, ovarian endocrine activity in association with (Scott, Lumsden, and Levell), 161
- Nephrotic syndrome (Hellman and Johnson), 719 (Clinical problems)
- Nerve stimulation, sympathetic, effect of, on uterine vascular bed (Greiss and Gobble), 962
- Neurohypophyseal hormone release in human. II. Experimental study during lactation (Cobo et al.), 519
- Neuropathy, femoral, from lithotomy position—case report and new leg holder for prevention (Roblee), 871 (Comm. in brief)
- Nucleotides, acid-soluble, across human placenta (Hayashi and Baker), 58
- in human placenta and amniochorionic membrane (Hayashi), 1119
- Nutritional aspects of gynecic stress (McGanity, Fujino, and Dawson), 750

O

- Obstetrics, pulmonary thromboembolism in, changing impact of (Moore, O'Leary, and Johnson), 507
- Oral contraceptives, patient acceptance of (Wallach, Beer, and Garcia), 984 (Pertinent comments)
- and intravenous glucose tolerance tests in pregnancy, comparative validity of (Benjamin and Casper), 488
- Ovarian cancer, common, enzymatic activities related to steroid synthesis in (Plotz et al.), 1050
- cortical stroma, steroid-dependent tissue (Craig), 100
- endocrine activity in association with hormonally inactive neoplasia (Scott, Lumsden, and Levell), 161
- malignancy, advanced, adjuvant therapy for (Decker et al.), 171
- and parovarian tumors in infants and children (Thompson et al.), 1059
- residual, reappraisal (Grogan), 124 (Re-evaluation)
- Ovary, mixed mesodermal tumor of (Edghill, Gardiner, and Hayes), 578 (Comm. in brief)
- polycystic, variable response to treatment of (Ricks, Kaminetzky, and Swerdlow), 94
- Ovulation, inhibition of, by estrogens (Gual et al.), 443
- time and cycle length, control of, with clomiphene citrate (Boutselis, Vorys, and Ullery), 949
- Oxygen affinities, whole blood, of women with various hemoglobinopathies (Moore, Battaglia, and Hellegers), 63
- inhalation, maternal, fetal responses to, during hemorrhagic stress (Boba, Linkie, and Plotz), 919
- tensions, amniotic fluid, in severe maternal anemia (Johnson and Ojo), 499
- maternal and fetal, in sheep, relation between (Rivard et al.), 925
- Oxytocin-induced contraction of three separate layers of human pregnant myometrium, effect of estradiol-17 $\beta$  on (Pinto et al.), 881
- labor, effect of epidural anesthesia on (Henry, Kingston, and Maughan), 350
- intramuscular, use of, for elective induction of labor (Russo and Kosar), 203
- intranasal, effect of, on pregnant uterus (DeVoe, Rigsby, and McDaniels), 208

P

- Paracervical block, continuous (Alvarado-Durán, Bazán, and Peredo), 367
- Parovarian tumors, ovarian and, in infants and children (Thompson et al.), 1059
- pCO<sub>2</sub>, maternal and fetal, relationship between (Newman, Braid, and Wood), 43
- Perinatal death, ethnorracial comparisons of intraclass correlations and mean gestation times in spontaneous abortions and (Naylor), 931
- mortality, congenital malformations and, in Bombay (Kolah, Master, and Sanghvi), 400
- Perineal reconstruction following radical vulvectomy (Trelford, Fitz, and Williams), 1066
- Peritoneal lavage for cytology (Floyd, Boyce, and Evans), 1150 (Comm. in brief)
- Pertinent comments, 411-418, 984-997
- pH, fetal blood, as reflection of fetal well-being, evaluation of (McDonald), 912
- in human fetus during labor (Bretscher and Saling), 906
- Pharmacologic sympatholysis in gravid, experiments with (Maughan, Shabanah, and Toth), 764

- Phenelzine, influence of, on 5-hydroxytryptamine level in rat placenta and fetus (Lesinski, Kurzepa, and Samojlik), 249
- Pheochromocytoma in pregnancy (Thiery et al.), 21
- Photoplethysmographic study of vaginal blood pulse (Palti and Bercovici), 143
- Phytohemagglutinin during and following pregnancy, lymphocyte transformation in response to (Comings), 213
- Pituitary gonadotropin deficiency, clomiphene treatment of secondary amenorrhea associated with (Spelacy and Cohen), 943
- Placenta and fetuses, rat, influence of 5-hydroxytryptamine on (Lesinski, Kurzepa, and Samojlik), 249
- human, and amniochorionic membrane, acid-soluble nucleotides in (Hayashi), 1119
- comparison of acid-soluble nucleotides across (Hayashi and Baker), 58
- of normal pregnancy, villous avascularity and its functional significance in 3- to 20-week-old (Bădărau et al.), 257
- ultrastructural study of, fetomaternal cellular relations in human basal plate (Wynn), 832
- uptake and incorporation of protein into radioactive glycine by human, in vitro (Sybulski and Tremblay), 1111
- Placental function, human placental lactogen levels as measure of (Spelacy, Cohen, and Carlson), 560 (Current investigation)
- transfer of iron in late pregnancy, fine structure of human chorionic villi and (Salazar and Gonzálz-Angulo), 851
- mental exercises in (Shapiro, Kirschbaum, and Assali), 130 (Current developments)
- villi in explant tissue culture, human term (Carr), 252
- Plasma free fatty acids and glucose during labor, alterations of (Whaley et al.), 875
- concentrations in human fetus and newborn exposed to various environmental conditions (Roux and Romney), 268
- Pneumonia, intrauterine, in relation to birth weight and race (Fujikura and Froehlich), 81
- Polycystic ovary, variable response to treatment of (Ricks, Kaminetzky, and Swerdlow), 94
- Postmenopausal endometrium, enzyme histochemical study on, in symptom-free patients (Mansour and Baradi), 109
- Pregnancy, acute superficial venous thrombophlebitis associated with (Aaro, Johnson, and Juergens), 514
- amniotic fluid pressure and uterine wall tension in, relationship between (Anderson, Turnbull, and Murray), 992 (Pertinent comments)
- azothioprine (Imuran) and (Rosenkrantz et al.), 387
- bacteriuria in (Whalley), 723 (Current developments)
- in bicornuate uterus after insertion of Lipps loop (Vago and Spira), 872 (Comm. in brief)
- body composition and energy expenditure during rest and work in (Seitchik), 701
- carpal tunnel syndrome in (Tobin), 493
- ceruloplasmin and 5-hydroxyindole metabolism in (O'Reilly and Loncin), 8
- and coronary atherosclerosis, relationship of (Parrish et al.), 1087
- and delivery after uterosigmoidostomy (Killam, Grillo, and Summerson), 278 (Comm. in brief)
- double, in uterus duplex unicollis (Getts), 277 (Comm. in brief)
- following lower urinary tract diversion, management of (Kohler), 1149 (Comm. in brief)
- and gynecologic, fatty acid composition of serum lipids in (de Alvarez, Goodell, and Zigelboim), 419 (Current developments)

## Pregnancy—Cont'd

- human, pyruvate and lactate in, further observations on relationships of (Otey et al.), 1076
- icterus in (Friedlaender and Osler), 894
- immunologic problem of (Simmons, Cruse, and McKay), 218
- inactivation of angiotensin system in normal (Talledo), 571 (Current investigation)
- intraepithelial carcinoma of cervix in association with (Mussey and Decker), 30
- late, placental transfer of iron in, fine structure of human chorionic villi and (Salazar and González-Angulo), 851
- latent urinary tract infections in, diagnosis (Devi et al.), 39
- lymphocyte transformation in response to phytohemagglutinin during and following (Comings), 213
- normal, villous avascularity and its functional significance in 3- to 20-week-old placentas of (Bădărău et al.), 257
- oral and intravenous glucose tolerance tests in, comparative validity (Benjamin and Casper), 488
- pheochromocytoma in (Thiery et al.), 21
- and prelabor, effect of meperidine on uterine contractility during (Sica-Blanco, Rozada, and Remedio), 1096
- in rabbit following immunization with human chorionic gonadotropin (Glass and Mroueh), 1082
- sickle cell thalassemia in (Dunn and Haynes), 574 (Comm. in brief)
- thrombophlebitis in (Husni, Pena, and Lenhart), 901
- toxemia of, reversible experimental, chronic uterine ischemia and (Hodari), 597
- Pregnant uterus, effect of intranasal oxytocin on (DeVoe, Rigsby, and McDaniels), 208
- Premature rupture of membranes, spontaneous (Sacks and Baker), 888
- Preparing doctor to be doctor (Lock), 583
- Prepubertal and pubertal female, effects of estradiol valerate on, comparative study of (Whitelaw, Foster, and Graham), 1041
- Pressure, amniotic fluid, and uterine wall tension in pregnancy, relationship between (Anderson, Turnbull, and Murray), 992 (Pertinent comments)
- Progesterone as cause of missed abortion, long-acting (Piver, Bolognese, and Feldman), 579 (Comm. in brief)
- Progestational agents, blood coagulation and fibrinolytic enzyme studies during cyclic application of (Beller and Porges), 448
- Progestins, interference of cortisone-induced homograft survival by (Hulka and Mohr), 407 (Current investigation)
- Progestogen-estrogen therapy in menopause (Taymor and Rizkallah), 460
- Protein, uptake and incorporation into, of radioactive glycine by human placentas in vitro (Sybalski and Tremblay), 1111
- Psmmoma bodies in vaginal smear, endometrial carcinoma with (Weaver and Wilson), 869 (Comm. in brief)
- Pubertal female, prepubertal and, effects of estradiol valerate on, comparative study of (Whitelaw, Foster, and Graham), 1041
- Puerperal bacteremia, asymptomatic, reappraisal of (Baker and Hubbell), 575 (Comm. in brief)
- cervix, injuries and healing (Wilbanks and Richart), 1105
- Pulmonary thromboembolism in obstetrics, changing impact of (Moore, O'Leary, and Johnson), 507
- Pulse, vaginal blood, photoplethysmographic study of (Palti and Bercovici), 143
- Pyruvate and lactate in human pregnancy, further observations on relationships of (Otey et al.), 1076
- Radical vulvectomy, perineal reconstruction following (Trelford, Fitz, and Williams), 1066
- Radium therapy of carcinoma of cervix, dose verification studies (Nathanson et al.), 808
- Re-evaluation, 124-129
- Renin-angiotensin system in normal and toxemic pregnancies. II. Inactivation of angiotensin in normal pregnancy (Talledo), 571 (Current investigation)
- Reproductive efficiency, delivery patterns and, among groups of differing socioeconomic status and ethnic origins (Hendricks), 608
- Residency programs, obstetrics-gynecology, family planning training and services in hospitals with, 1154 (Items)
- Residual ovaries, reappraisal of (Grogan), 124 (Re-evaluation)
- Respiratory distress syndrome, cord blood proteins versus (Dilts), 1145
- timing of cord ligation and (Frank and Gabriel), 1142
- Rh-isoinmunized mother, amniotic fluid bilirubin levels and (Stewart, Taylor, and Beck), 338
- Roster of American obstetrical and gynecological societies, 138
- Rupture of membranes, spontaneous premature (Sacks and Baker), 888
- of uterus (Farrell), 332
- with sparteine sulfate (Niswander and Nenno), 866 (Comm. in brief)
- S
- Seminar in obstetrics and gynecology, southern, 1154 (Items)
- Serial hormone assays in patients with uteroplacental insufficiency (Bell et al.), 562 (Current investigation)
- Serum lipids in pregnancy and gynecologic cancer, fatty acid composition of (de Alvarez, Goodell, and Zigelboim), 419 (Current developments)
- Sex chromatin and sex hormones (Dokumov and Spasov), 714 (Current investigation)
- hormones, sex chromatin and (Dokumov and Spasov), 714 (Current investigation)
- Sheep plasma, chicken plasma, vitamin A, and hydrocortisone in syncytial dissolution (Carr), 252
- Shirodkar's procedure in cervical incompetence (Okla and Lesinski), 13
- Sickle cell thalassemia in pregnancy (Dunn and Haynes), 574 (Comm. in brief)
- Society of Obstetricians and Gynaecologists of Canada, 582 (Items)
- transactions of twenty-second annual meeting, 283-359
- Sounding cannula, multipurpose (Edmonds and Cruse), 1152 (Comm. in brief)
- Southern seminar in obstetrics and gynecology, 1154 (Items)
- Sparteine sulfate, rupture of uterus with (Niswander and Nenno), 866 (Comm. in brief)
- Spontaneous abortion, chromosome anomalies as cause of (Carr), 283
- and perinatal death, ethnoracial comparisons of intraclass correlations and mean gestation times in (Naylor), 931
- premature rupture of membranes (Sacks and Baker), 888



- Sterility, fertility and, VI world congress on, 582 (Items)  
study of, Canadian Society for, 1154 (Items)
- Sterilization, tubal (McElin, Buckingham, and Johnson), 479
- Steroid-dependent tissue, ovarian cortical stroma (Craig), 100  
synthesis in common ovarian cancer, enzymatic activities related to (Plotz et al.), 1050
- Steroidogenesis, adrenal cortical, in dogs, effect of clomiphene on (Cushman and Hilton), 958
- Stress, gynecic, nutritional aspects of (McGanity, Fujino, and Dawson), 750
- Stroma, ovarian cortical, steroid-dependent tissue (Craig), 100
- Survival rate, 5 years, correlation of histologic grading with, in endometrial carcinoma (Roman, Beck, and Latour), 117  
statistics in carcinoma of uterine cervix, effect of early diagnosis on (Roman and Latour), 739
- Sympathetic nerve stimulation, effect of, on uterine vascular bed (Greiss and Gobble), 962
- Sympatholysis, pharmacologic, in gravid, experiments with (Maughan, Shabanah, and Toth), 764
- Syncytial dissolution, chicken plasma, sheep plasma, vitamin A, and hydrocortisone in (Carr), 252
- Syndrome, carpal tunnel, in pregnancy (Tobin), 493  
Chiari-Frommel, recurrent following 3 pregnancies (Hudspeth and Perdue), 573 (Comm. in brief)  
nephrotic (Hellman and Johnson), 719 (Clinical problems)  
respiratory distress, cord blood proteins versus (Dilts), 1145
- Synthesis, steroid, in common ovarian cancer, enzymatic activities related to (Plotz et al.), 1050
- Systemic chemotherapy for carcinoma of cervix (Smith et al.), 800

## T

- Tension, uterine wall, in pregnancy, amniotic fluid pressure and, relationship between (Anderson, Turnbull, and Murray), 992 (Pertinent comments)
- Thalassemia, sickle cell, in pregnancy (Dunn and Haynes), 574 (Comm. in brief)
- Therapeutic abortion (Spivak), 316
- Therapy, megavoltage, for gynecologic malignancies (Holzapfel and Pomeroy), 625
- Thromboembolism, pulmonary, in obstetrics, changing impact of (Moore, O'Leary, and Johnson), 507
- Thrombophlebitis, acute superficial venous, associated with (Aaro, Johnson, and Juergens), 514  
in pregnancy (Husni, Pena, and Lenhart), 901
- Torsion of uterine adnexa (Lee and Welch), 974
- Toxic pregnancies, normal and, renin-angiotensin system in (Talledo), 571 (Current investigation)  
reversible experimental, chronic uterine ischemia and (Hodari), 597
- Training, postgraduate, program of, for research careers in obstetrics and gynecology, 1020
- Transabdominal amniocentesis, diagnostic, fetomaternal hemorrhage from (Wang, McCutcheon, and Desforges), 1123
- Transactions, American Association of Obstetricians and Gynecologists, seventy-seventh annual meeting, 583-713, 739-799  
Society of Obstetricians and Gynaecologists of Canada, twenty-second annual meeting, 283-359

- Transfer, placental, mental exercises in (Shapiro, Kirschbaum, and Assali), 130 (Current developments)
- Transfusions, intrauterine fetal, for erythroblastosis (Friesen et al.), 343
- Trauma, blunt external abdominal, causing fetal death (Atlay and Pryor-Jones), 577 (Comm. in brief)
- Trichomonal vaginitis: Epidemiology and therapy (Peterson et al.), 472
- Trophoblastic transplants, ultrastructure of isogenic and allogeneic (Simmons, Cruse, and McKay), 218
- Tubal sterilization (McElin, Buckingham, and Johnson), 479
- Twins, amniotic sac dystocia in (Nickerson), 867 (Comm. in brief)
- Tumor, mixed mesodermal, of ovary (Edghill, Gardiner, and Hayes), 578 (Comm. in brief)  
ovarian and parovarian, in infants and children (Thompson et al.), 1059

## U

- Ultrasonic fetal cephalometry, evaluation of (Kohorn), 553
- Uptake and incorporation into protein of radioactive glycine by human placentas in vitro (Sybulski and Tremblay), 1111
- Urinary bladder care after vaginal operation (Shipkowitz and Mengert), 828  
incontinence, management of anatomic, by vaginal repair (Low), 308  
tract diversion, lower, management of pregnancy following (Kohler), 1149 (Comm. in brief)  
infections, latent, in pregnancy, diagnosis (Devi et al.), 39
- Uterine adnexa, torsion of (Lee and Welch), 974  
bleeding in prepubertal rhesus monkeys after intra-uterine contraceptive device insertion (Kar and Chandra), 279 (Comm. in brief)  
blood flow in pregnant rhesus monkey (Meschia et al.), 1  
cervical epithelium of fetal and immature human females in relation to estrogenic stimulation (Graham), 1033  
contractility, effect of meperidine on, during pregnancy and prelabor (Sica-Blanco, Rozada, and Remedio), 1096  
ischemia, chronic, and reversible toxemia of pregnancy (Hodari), 597  
muscle, human, active length-tension relationship in (Conrad and Kuhn), 154  
vascular bed, effect of sympathetic nerve stimulation on (Greiss and Gobble), 962  
wall tension in pregnancy, amniotic fluid pressure and, relationship between (Alexander, Turnbull, and Murray), 992 (Pertinent comments)  
wrapping, postterm blood pressure elevation produced by (Douglas and Langford), 231
- Uteroplacental insufficiency, serial hormone assays in patients with (Bell et al.), 562 (Current investigation)
- Uterosigmoidostomy, pregnancy and delivery after (Killam, Grillo, and Summerson), 278 (Comm. in brief)
- Uterus, bicornuate, pregnancy in, after insertion of Lippes loop (Vago and Spira), 872 (Comm. in brief)  
duplex unicolliis, double pregnancy in (Getts), 277 (Comm. in brief)  
pregnant, effect of intranasal oxytocin on (DeVoe, Rigsby, and McDaniels), 208  
rupture of (Farrell), 332  
with sparteine sulfate (Niswander and Nenno), 866 (Comm. in brief)

## V

- Vagina, cancer of (Rutledge), 635
- Vaginal blood pulse, photoplethysmographic study of (Palti and Bercovici), 143
- irrigation smear technique, evaluation of (Carrow et al.), 821
- operation, urinary bladder care after (Shipkowitz and Mengert), 828
- repair, management of anatomic urinary incontinence by (Low), 308
- smear, psammoma bodies in, endometrial carcinoma with (Weaver and Wilson), 869 (Comm. in brief)
- Vaginitis, trichomonal, epidemiology and therapy (Peterson et al.), 472
- Vascular bed, uterine, effect of sympathetic nerve stimulation on (Greiss and Gobble), 962
- Venous thrombophlebitis, acute superficial, associated with pregnancy (Aaro, Johnson, and Juergens), 514
- Vesicovaginal fistula, management of (Weed), 1071
- Villi, placental, in explant tissue culture, human term (Carr), 252
- Villous avascularity and its functional significance in 3- to 20-week-old placentas of normal pregnancy (Bădărău et al.), 257
- Vitamin A, chicken plasma, sheep plasma, and hydrocortisone in syncytial dissolution (Carr), 252
- Vulvectomy, radical, perineal reconstruction following (Trelford, Fitz, and Williams), 1066





# Index to volume 98

## Author index\*

### A

- ABBOTT, PHILIP D., KANTOR, HERMAN I., AND REMBER, ROBERT R., Triiodothyronine in pregnancy, 818  
 ADAMS, R. (see HIBBARD ET AL.), 609  
 ADELMAN, HOWARD C., AND HAJDU, STEVEN I., Role of conization in the treatment of cervical carcinoma in situ, 173  
 ALTHABE, O., JR., SCHWARCZ, R. L., POSE, S. V., ESCARCENA, L., AND CALDEYRO-BARCIA, R., Effects on fetal heart rate and fetal pO<sub>2</sub> of oxygen administration to the mother, 858  
 — (see SCHWARCZ ET AL.), 577 (Current investigation)  
 — (see SCHWARCZ ET AL.), 924  
 ANCLA, M., AND DE BRUX, J., The action of clomiphene on hormonal secretions, 1043  
 ANDERSON, DAVID G., Amniotic fluid embolism, 336  
 ANDROS, GEORGE J. (see ZATUCHNI AND ANDROS), 854  
 ANSON, JOHN H. (see NOLAN, DOROUGH, AND ANSON), 663  
 AONO, TOSHIHIRO, GOLDSTEIN, DONALD P., TAYMOR, MELVIN L., AND DOLCH, KAREN, A radioimmunoassay method for human pituitary luteinizing hormone (LH) and human chorionic gonadotropin (HCG) using <sup>125</sup>I-labeled LH, 996 (Current investigation)  
 ASSALI, N. S. (see KIRSCHBAUM ET AL.), 429 (Current developments)

### B

- BĂDĂRĂU, LIGIA, AND GAVRILĂ, LORICA, Intervillous fibrin deposition—the Rohr, Nitabuch, and Langhans striae, 252  
 BAGSHAW, MALCOLM A. (see McLENNAN, McLENNAN, AND BAGSHAW), 675  
 BAHARY, CHARLES M., OVADIA, YORDANKA, AND NERI, ALEXANDER, Schistosoma mansoni of the ovary, 290 (Comm. in brief)  
 BAINES, JAMES M. (see PRINZMETAL ET AL.), 575 (Current investigation)  
 BAKER, C. (see BARTON AND BAKER), 562  
 BARLOW, JOSEPH J., AND LOGAN, CAROL M., Estrogen metabolism in the polycystic ovary syndrome, 687 (Current investigation)  
 BARNO, ALEX, Criminal abortion deaths, illegitimate pregnancy deaths, and suicides in pregnancy, 356  
 BARTON, T. C., AND BAKER, C., Permeability of human amnion and chorion membranes, 562  
 BASSAT, M. BEN (see GOLDMAN, ECKERLING, AND BASSAT), 885 (Comm. in brief)  
 BEASLEY, W. B. ROGERS, The nurse-midwife as a mediator of contraception, 201  
 BENGTSSON, LARS PHILIP, AND MOAWAD, ATEF H., The effect of the Lippes loop on human myometrial activity, 957  
 — (see MOAWAD AND BENGTSSON), 1057  
 BENNINGTON, JAMES L. (see FIGGE AND BENNINGTON), 516  
 BERCOVICI, BRUNO, AND PALTI, YORAM, Comparison between uterine, upper vaginal, lower vaginal, and digital pulse, 414 (Current investigation)  
 BERENDES, HEINZ (see NISWANDER ET AL.), 871  
 BERGER, MAX, AND LANGHANS, JETTI, Angiotensinase activity in pregnant and nonpregnant women, 215  
 BERGSJO, PER (see KOLSTAD ET AL.), 804

- (see SANNER ET AL.), 800  
 BERNSTEIN, DINU (see INSLER ET AL.), 292 (Comm. in brief)  
 BEVILACQUA, L. (see ONNIS ET AL.), 966  
 BHATNAGAR, SHAKUNTALA (see LAUMAS ET AL.), 411 (Current investigation)  
 BIENIASZ, ANDRZEJ, DREWNIAK, KRZYSTOF, AND KLIMEK, RUDOLF, Clinical studies on desaminoxytocin, 535  
 BIKKAL, A. (see ZILAH, NEMES, AND BIKKAL), 1154 (Comm. in brief)  
 BIRNBERG, CHARLES H. (see BURNHILL AND BIRNBERG), 135 (Pertinent comments)  
 BONSNES, ROY W., AND MARNEY, AMY F., Accuracy of a passive hemagglutination inhibition method for the determination of chorionic gonadotropin in the urine, 208  
 BOOKER, DAVID E., AND PAHL, IRWIN R., Control of postpartum breast engorgement with oral contraceptives, 1099  
 BRANDES, J. M. (see PERETZ ET AL.), 18  
 BRĚŠTÁK, MIROSLAV (see KOTÁSEK ET AL.), 229  
 BRUSHENKO, ANATOLI (see MANDELBAUM, PONTARELLI, AND BRUSHENKO), 1140  
 BURCHELL, R. CLAY, Arterial blood flow into the human intervillous space, 303  
 BURGARD, J. KEITH (see KING AND BURGARD), 128 (Pertinent comments)  
 BURNHILL, MICHAEL S., AND BIRNBERG, CHARLES H., Uterine perforation with intrauterine contraceptive devices, 135 (Pertinent comments)  
 BURNS, BEAURY C., JR., RUTLEDGE, FELIX N., SMITH, JULIAN P., AND DELCLOS, LUIS, Management of ovarian carcinoma, 374  
 BYRD, J. ROGERS (see GREENBLATT ET AL.), 151

### C

- CALDEYRO-BARCIA, R. (see ALTHABE ET AL.), 858  
 CALLAGAN, DWIGHT A. (see HILDEBRANDT ET AL.), 1125  
 CASTRO, LUIZ DE PAULA, Reflux esophagitis as the cause of heartburn in pregnancy, 1  
 CHANDRA, HARISH (see KAR ET AL.), 194  
 CHENG, T. Y. (see LEE ET AL.), 808  
 CHERRY, SHELDON H., AND ROSENFELD, RICHARD E., Intrauterine fetal transfusions for the management of erythroblastosis, 275  
 CHERTOK, L., Psychosomatic method of preparation for childbirth, 698 (Pertinent comments)  
 CHIANG, WEN TSUO (see WEI AND CHIANG), 1144 (Current investigation)  
 CHOROSZEWSKA, A. (see LESINSKI, JAJSZCZAK, AND CHOROSZEWSKA), 48  
 CHOW, L. P. (see LEE ET AL.), 808  
 CHOWDHURY, A. R. (see KAR ET AL.), 194  
 CHOWDHURY, S. R. (see KAR ET AL.), 194  
 COLLINS, CONRAD G. (see HANSEN AND COLLINS), 982  
 COMSTOCK, GEORGE W., AND LUNDIN, FRANK E., JR., Parental smoking and perinatal mortality, 708 (Pertinent comments)  
 COPHER, DAVID E., AND HUBER, CARL P., Heart rate response of the human fetus to induced maternal hypoxia, 320

\*May 1, 1-150; May 15, 151-296; June 1, 297-444; June 15, 445-586; July 1, 587-748; July 15, 749-888; August 1, 889-1032; August 15, 1033-1172.



- CORFMAN, PHILIP A., AND RICHART, RALPH M., Induction in rats of uterine epidermoid carcinomas by plastic and stainless steel intrauterine devices, 987 (Current investigation)
- COSTELLO, J. B. (see ULFELDER, SMITH, AND COSTELLO), 424 (Clinical problems)
- COTTER, J. R. (see MCLAURIN AND COTTER), 931
- CUDMORE, D. C. (see FRASER ET AL.), 509
- CZEIZEL, C., SAJÓ, M., TARJÁN, GY., AND KERTAI, P., Effect of endotoxin on placental metabolism, 1129

## D

- DAVID, A. (see RABAU ET AL.), 92
- DAVIES, JACK, AND GLASSER, S. R., Light and electron microscopic observations on a human placenta 2 weeks after fetal death, 1111
- DE BRUX, J. (see ANCLA AND DE BRUX), 1043
- DEHAVEN, JAMES C. (see KIRSCHBAUM ET AL.), 429 (Current developments)
- DE LA PENA, A. (see GOLDZIEHER ET AL.), 759
- DELGLOS, LUIS (see BURNS ET AL.), 374
- DE PERETTI, EVELINE (see VAN BOGAERT, DE PERETTI, AND VILLEE), 919
- DE SALVIA, D. (see ONNIS ET AL.), 966
- DEUTSCHBERGER, JEROME (see NISWANDER ET AL.), 871
- DEVEREUX, W. P., AND EDWARDS, CREIGHTON L., Carcinoma in situ of the cervix, 497
- DIDDLE, A. W., *Trichomonas vaginalis*: Resistance to metronidazole, 583 (Comm. in brief)
- (see HOWELL AND DIDDLE), 585 (Comm. in brief)
- DIGNAM, WILLIAM J., Fetal survival with premature delivery in complications of pregnancy, 587
- DOCKERTY, MALCOLM B. (see HANTON AND DOCKERTY), 116
- DODEK, OSCAR I., JR., AND KOTZ, HERBERT L., Syndrome of anovulation following the use of oral contraceptives, 1065
- DOLCH, KAREN (see AONO ET AL.), 996 (Current investigation)
- DONNER, MARTIN W. (see RAMSEY, MARTIN, AND DONNER), 419 (Current investigation)
- DONOVAN, JOHN C. (see LUND AND DONOVAN), 393
- DOROUGH, MILFORD E. (see NOLAN, DOROUGH, AND ANSON), 663
- DOUGLAS, BEN H., HARLAN, J. C., LANGFORD, HERBERT G., AND RICHARDSON, T. Q., Effect of hypovolemia and elevated arterial pressure on circulatory dynamics of pregnant animals, 889
- DREWNIK, KRZYSTOF (see BIENIASZ, DREWNIK, AND KLIMEK), 535

## E

- ECKERLING, BENJAMIN (see GOLDMAN, ECKERLING, AND BASSAT), 885 (Comm. in brief)
- EDWARDS, CREIGHTON L. (see DEVEREUX AND EDWARDS), 497
- EHRESMAN, J. B. (see KAPLAN, JACOBS, AND EHRESMAN), 482
- EL-SAHWI, SAMIR, GAAFAR, AHMED A., AND TOPPOZADA, HUSSEIN K., A new unit for evaluation of uterine activity, 900
- (see GAAFAR, EL-SAHWI, AND TOPPOZADA), 913
- (see TOPPOZADA, GAAFAR, AND EL-SAHWI), 904
- EREZ, SELCUK (see WIDER, EREZ, AND STEER), 24
- ESCARCENA, L. (see ALTHABE ET AL.), 858
- ESKES, T. (see STOLTE ET AL.), 694 (Current investigation)

## F

- FASSATI, MILOŠ (see KOTÁSEK ET AL.), 229
- FASSATI, PAVEL (see KOTÁSEK ET AL.), 229
- FERGUSON, RUSSELL (see WOOD ET AL.), 62
- FERNANDEZ-SEPULVEDA, RODRIGO, AND GOMEZ-ROGERS, CARLOS, Single-dose caudal anesthesia, 847
- FIGGE, DAVID C., AND BENNINGTON, JAMES L., A study of the epidemiology of cervical cancer, 516

- FILLER, NAOMI W. (see FILLER, HALL, AND FILLER), 832
- FILLER, WILLIAM W., JR., HALL, WARNER C., AND FILLER, NAOMI W., Analgesia in obstetrics, 832
- FISCH, LEÓN (see SCHWARCZ ET AL.), 577 (Current investigation)
- (see SCHWARCZ ET AL.), 924
- FOGEL, MARVIN, AND SOFFER, LOUIS J., Urinary gonadotrophin-inhibiting substance in Stein-Leventhal syndrome and other anovulatory states, 85
- FOX, H., Perivillous fibrin deposition in the human placenta, 245
- FOX, LEON PARRISH, Abortion deaths in California, 645
- FRASER, R. C., CUDMORE, D. C., MELANSON, J., AND MORSE, W. I., The metabolism and production rate of estradiol-17 $\beta$  in premenopausal women with cervical carcinoma, 509
- FRIEDBERG, HELEN (see NELSON ET AL.), 895
- FRIEDEL, GILBERT H. (see KURY, REV-KURY, AND FRIEDEL), 767
- FRIEDMAN, EMANUEL A., AND SACHTLEBEN, MARLENE R., Prognostic significance of the labor pattern in multiparas, 466

## G

- GAAFAR, AHMED A., EL-SAHWI, SAMIR, AND TOPPOZADA, HUSSEIN K., Artificial rupture of membranes and uterine activity, 913
- (see TOPPOZADA, GAAFAR, AND EL-SAHWI), 904
- (see EL-SAHWI, GAAFAR, AND TOPPOZADA), 900
- GARCIA, CELSO-RAMON (see WALLACH, WATSON, AND GARCIA), 1071
- GARDNER, HERMAN L. (see KAUFMAN, GARDNER, AND JOHN-SON), 312
- GAVRILITĂ, LORICA (see BĂDĂRĂU AND GAVRILITĂ), 252
- GILLESPIE, CLARK, AND GILLESPIE, HOLLY MOORE, Comparison of the estimated and actual maturation index, 40
- GILLESPIE, HOLLY MOORE (see GILLESPIE AND GILLESPIE), 40
- GINSBURG, JEAN, AND JEACOCK, MAJORIE K., Placental lactate production in toxemia of pregnancy, 239
- GLASSER, S. R. (see DAVIES AND GLASSER), 1111
- GOLDBERG, SAUL (see QUINLIVAN AND GOLDBERG), 1102
- GOLDMAN, JACK H., ECKERLING, BENJAMIN, AND BASSAT, M. BEN, Fetal *Candida* septicemia developing after hysterectomy and transfusion, 885 (Comm. in brief)
- GOLDSTEIN, DONALD P. (see AONO ET AL.), 996 (Current investigation)
- GOLDZIEHER, JOSEPH W., MATTHIJSEN, CHARLES, GUAL, CARLOS, VELA, B. A., AND DE LA PENA, A., A simplified gas chromatographic method for large numbers of urinary pregnanediol determinations, 759
- GOMEZ-ROGERS, RODRIGO (see FERNANDEZ-SEPULVEDA AND GOMEZ-ROGERS), 847
- GOTTESFELD, KENNETH R. (see THOMPSON ET AL.), 472
- GRAVES, WILLIAM K., NEFF, ROBERT, AND MARK, PETER, Altered glucose metabolism in pregnancy, 602
- GREENBLATT, R. B., BYRD, J. ROGERS, McDONOUGH, P. G., AND MAHESH, V. B., The spectrum of gonadal dysgenesis, 151
- GREGOROVÁ, INGERGORG (see KOTÁSEK ET AL.), 229
- GRUNSTEIN, S. (see PERETZ ET AL.), 18
- GUAL, CARLOS (see GOLDZIEHER ET AL.), 759
- GURAYA, SARDUL S., Histochemical study of the interstitial gland tissue in the ovaries of nonpregnant women, 99
- GUSBERG, S. B. (see ROVINSKY AND GUSBERG), 11
- GUSDON, JOHN P., JR., An antibody to oxytocin, 526

## H

- HAAGENSEN, C. D., Cancer of the breast in pregnancy and during lactation, 141 (Current developments)

- HAJDU, STEVEN I. (see ADELMAN AND HAJDU), 173  
 HALL, J. EDWARD (see NELSON ET AL.), 895  
 HALL, WARNER C. (see FILLER, HALL, AND FILLER), 832  
 HAMANAKA, NOBUAKI (see TAKI ET AL.), 107  
 HAMMOND, CHARLES B., HERTZ, ROY, ROSS, GRIFF T., LIPSETT, MORTIMER B., AND ODELL, WILLIAM D., Primary chemotherapy for nonmetastatic gestational trophoblastic neoplasms, 71  
 HAMMOND, DANIEL O., Modified O'Connor-O'Sullivan retractor for pelvic surgery, 886 (Comm. in brief)  
 HANSEN, LAWRENCE H., AND COLLINS, CONRAD G., Multicentric squamous cell carcinomas of the lower female genital tract, 982  
 HANTON, EDWARD M., MALKASIAN, GEORGE D., JR., DOCKERTY, MALCOLM B., AND PRATT, JOSEPH H., Endometriosis in young women, 116  
 HARLAN, J. C. (see DOUGLAS ET AL.), 889  
 HENDRICKS, CHARLES H. (see MOAWAD AND HENDRICKS), 1091  
 HERTZ, ROY, The role of steroid hormones in the etiology and pathogenesis of cancer, 1013 (Current developments)  
 — (see HAMMOND ET AL.), 71  
 HIBBARD, L., THRUPP, L., SUMMERIL, S., SMALE, M., AND ADAMS, R., Treatment of pyelonephritis in pregnancy, 609  
 HILDEBRANDT, RICHARD J., SEVER, JOHN L., MARGILETH, ANDREW M., AND CALLAGAN, DWIGHT A., Cytomegalovirus in the normal pregnant woman, 1125  
 HODGKINSON, C. PAUL (see STEVENSON AND HODGKINSON), 387  
 HOFFMAN, RALPH L., Thermography in the detection of breast malignancy, 681  
 HOK, TAN THIAM, LOEN, LIEM KHE, AND TJAT, NJO TIONG, Comparative bacteriology of the endocervical mucus, 781  
 HOLM, L. W. (see LIGGINS, KENNEDY, AND HOLM), 1080  
 HOLMES, JOSEPH H. (see THOMPSON ET AL.), 472  
 HOWARD, JOANNE M., AND KRANTZ, KERMIT E., Transfer and use of glucose in the human placenta during in vitro perfusion and the associated effects of oxytocin and papaverine, 445  
 HOWELL, M. GAYNOR, JR., AND DIDDLE, A. W., Mucinous adenocarcinoma of the urachus in women, 585 (Comm. in brief)  
 HUBER, CARL P. (see COPHER AND HUBER), 320  
 HULKA, BARBARA S., AND HULKA, JAROSLAV F., Dyskaryosis in cervical cytology and its relationship to trichomoniasis therapy, 180  
 HULKA, JAROSLAV F. (see HULKA AND HULKA), 180

I

- IJIMA, HIROSHI (see TAKI ET AL.), 107  
 INSLER, VACLAV, BERNSTEIN, DINU, RIKOVER, MOSHE, AND SEGAL, THEA, Estimation of fetal weight in utero by simple external palpation, 292 (Comm. in brief)  
 ISHIKAWA, KAZUO (see PRINZMETAL ET AL.), 575 (Current investigation)  
 ISKANDER, S. G. (see SAMMOUR, ISKANDER, AND RIFAI), 946

J

- JACOBS, W. M. (see KAPLAN, JACOBS, AND EHRESMAN), 482  
 JAFFE, STEPHEN H., AND LEVITZ, MORTIMER, An accurate method for the determination of urinary estriol in pregnancy, 992 (Current investigation)  
 JAGIELLO, GEORGIANNA M. (see KAMINETZKY AND JAGIELLO), 349  
 JAJSZCZAK, S. (see LESINSKI, JAJSZCZAK, AND CHOROZEWSKA), 48  
 — (see LESINSKI, JAJSZCZAK, AND WNUK), 44  
 JEACOCK, MAJORIE K. (see GINSBURG AND JEACOCK), 239  
 JENNINGS, E. R. (see SULLIVAN, PECKHAM, AND JENNINGS), 877

- JOHNSON, PHILIP C. (see KAUFMAN, GARDNER, AND JOHNSON), 312  
 JONES, GEORGEANNA E. S. (see LOPEZ, MIGEON, AND JONES), 749

K

- KAIMAN, HAROLD (see PEARSE AND KAIMAN), 572 (Current investigation)  
 KAMBOJ, V. P. (see KAR ET AL.), 194  
 KAMINETZKY, HAROLD A., AND JAGIELLO, GEORGIANNA M., Differential chromosomal effects of carcinogenic and noncarcinogenic substances, 349  
 KANTOR, HERMAN I. (see ABBOTT, KANTOR, AND REMBER), 818  
 KAPLAN, ALAN L., JACOBS, W. M., AND EHRESMAN, J. B., Aggressive management of pelvic abscess, 482  
 KAR, AMIYA B., KAMBOJ, V. P., CHOWDHURY, S. R., CHANDRA, HARISH, AND CHOWDHURY, A. R., Long-term effect of an intrauterine contraceptive device on the uterus and Fallopian tubes of rhesus monkeys, 194  
 KASE, NATHAN, MROUEH, ADNAN, AND OLSON, LOWELL E., Clomid therapy for anovulatory infertility, 1037  
 — (see MROUEH, LYTTON, AND KASE), 1033  
 KAUFMAN, RAYMOND H., GARDNER, HERMAN L., AND JOHNSON, PHILIP C., Pz uptake in lichen sclerosis et atrophicus of the vulva, 312  
 KEETTEL, WILLIAM C., The road ahead, 297  
 KENNEDY, P. C. (see LIGGINS, KENNEDY, AND HOLM), 1080  
 KERTAI, P. (see CZEIZEL ET AL.), 1129  
 KIMBALL, CHARLES D., Ethology in clinical obstetrics, 616  
 KING, THEODORE M., AND BURGARD, J. KEITH, Drug interaction, 128 (Pertinent comments)  
 KIRSCHBAUM, THOMAS H., LUCAS, WILLIAM E., DEHAVEN, JAMES C., AND ASSALI, N. S., The dynamics of placental oxygen transfer. I. Effects of maternal hyperoxia in pregnant ewes and fetal lambs, 429 (Current developments)  
 KLIMEK, RUDOLF (see BIENIASZ, DREWNIAR, AND KLIMEK), 535  
 KOCH, OSVALDO R. (see LAQUENS ET AL.), 773  
 KOLLER, ODDMUND (see KOLSTAD ET AL.), 804  
 — (see SANNER ET AL.), 800  
 KOLSTAD, PER, BERGSJO, PER, KOLLER, ODDMUND, PIHL, ALEXANDER, AND SANNER, TOR, Detection of pre-invasive and early invasive cancer by 6-phosphogluconate dehydrogenase determinations, 804  
 — (see SANNER ET AL.), 800  
 KONNO, AKIO, A method for the easy combination of several methods of examination for tubal patency, 976  
 KOTÁSEK, ALFRED, FASSATI, MILOŠ, ŠONKA, JIŘI, BRĚŠTÁK, MIROSLAV, GREGOROVÁ, INGBORO, AND FASSATI, PAVEL, Urinary dehydroepiandrosterone in late toxemia of pregnancy, 229  
 KOTZ, HERBERT L. (see DODEK AND KOTZ), 1065  
 KRANTZ, KERMIT E. (see HOWARD AND KRANTZ), 445  
 KRETZSCHMAR, ROBERT M., AND NORRIS, ALBERT S., Psychiatric implications of therapeutic abortion, 368  
 KUMAR, D. (see WAGATSUMA, SULLIVAN, AND KUMAR), 1050  
 KURY, GEORGE, REV-KURY, LIVIA H., AND FRIEDEL, GILBERT H., Metabolism of human cervical tissues, 767

L

- LAGRUTTA, JOSÉ (see LAQUENS ET AL.), 773  
 LAQUENS, RUBÉN P., LAGRUTTA, JOSÉ, KOCH, OSVALDO R., AND QUIJANO, FRANCISCO, Fine structure of human endocervical epithelium, 773  
 LANDESMAN, ROBERT (see RAVIN AND LANDESMAN), 1152 (Comm. in brief)  
 LANOFORD, HERBERT G. (see DOUGLAS ET AL.), 889  
 LANGLEY, IVAN I. (see MOORE AND LANGLEY), 624  
 LARKS, GOLDA G. (see LARKS, WEBSTER, AND LARKS), 52

- LARKS, SAUL D., WEBSTER, AUGUSTA, AND LARKS, GOLDA G., Quantitative studies in fetal electrocardiography. I. Prenatal prediction of the condition of the infant at birth (Apgar rating), 52
- LARSSON-COHN, ULF, The 2 hour sulfobromophthalein retention test and the transaminase activity during oral contraceptive therapy, 188
- LAUMAS, KESHO R., MALKANI, PARVATI K., BHATNAGAR, SHAKUNTALA, AND LAUMAS, VIMLA, Radioactivity in the breast milk of lactating women after oral administration of  $^3\text{H}$ -norethynodrel, 411 (Current investigation)
- LAUMAS, VIMLA (see LAUMAS ET AL.), 411 (Current investigation)
- LEE, C. H., CHOW, L. P., CHENG, T. Y., AND WEI, P. Y., Histologic study of the endometrium of contraceptive device users, 808
- LEETON, JOHN (see WOOD ET AL.), 62
- LEON, CARLOS (see PINTO ET AL.), 540
- LENER, ULRICO (see PINTO, LERNER, AND PONTELLI), 547
- LESINSKI, J., JAJSZCZAK, S., AND CHOROSZEWSKA, A., The relationship between amino nitrogen and protein concentrations in rabbit blastocyst fluid, 48
- , —, AND WNUK, J., Influence of staphylococcal alpha toxins on the transport and development of fertilized eggs in rabbits, 44
- LEVITZ, MORTIMER (see JAFFE AND LEVITZ), 992 (Current investigation)
- LIGGINS, G. C., KENNEDY, P. C., AND HOLM, L. W., Failure of initiation of parturition after electrocoagulation of the pituitary of the fetal lamb, 1080
- LIN, CHIN CHU (see WEI AND LIN), 881
- LIPKO, NATALIE (see NISWANDER ET AL.), 871
- LIPSETT, MORTIMER B. (see HAMMOND ET AL.), 71
- LITTLE, BRIAN (see MCCUTCHEON AND LITTLE), 266
- LOEN, LIEM KHE (see HOK, LOEN, AND TJIAI), 781
- LOGAN, CAROL M. (see BARLOW AND LOGAN), 687 (Current investigation)
- LOPEZ, JESUS M., MIGEON, CLAUDE J., AND JONES, GEORGE-ANNA E. S., Hirsutism and evaluation of dexamethasone suppression and chorionic gonadotropin stimulation test, 749
- LOUBOS, N. C., PAPADIMITRIOU, G. C., AND PAPAPOSTOLOU, M. G., Accelerated painless labor, 555
- LUCAS, WILLIAM E. (see KIRSCHBAUM ET AL.), 429 (Current developments)
- LUND, CURTIS J., AND DONOVAN, JOHN C., Blood volume in pregnancy, 393
- LUNDIN, FRANK E., JR. (see COMSTOCK AND LUNDIN), 708 (Pertinent comments)
- LUNENFELD, B. (see RABAU ET AL.), 92
- LUTZ, MYRON (see MANN ET AL.), 1151 (Comm. in brief)
- LYTTON, BERNARD (see MROUEH, LYTTON, AND KASE), 1033

## M

- MAAS, HARRY E. (see RUST AND MAAS), 654
- MCCALLUM, M. F. (see MCFADYEN AND MCCALLUM), 234
- MCCUTCHEON, ELGIN, AND LITTLE, BRIAN, Amniotic fluid evaluation and the management of erythroblastosis fetalis, 266
- MCDONOUGH, P. G. (see GREENBLATT ET AL.), 151
- MCFADYEN, I. R., AND MCCALLUM, M. F., Urine white-cell excretion and the pyrogen test in pregnancy hypertension, 234
- McLAURIN, L. P., JR., AND COTTER, J. R., Placental transfer of iron, 931
- McLENNAN, CHARLES E., McLENNAN, MARGARET T., AND BAGSHAW, MALCOLM A., The linear accelerator in the treatment of cervical cancer, 675
- McLENNAN, MARGARET T. (see McLENNAN, McLENNAN, AND BAGSHAW), 675
- MAHESH, V. B. (see GREENBLATT ET AL.), 151
- MALKANI, PARVATI K. (see LAUMAS ET AL.), 411 (Current investigation)

- MALKASIAN, GEORGE D., JR. (see HANTON ET AL.), 116
- MALPAS, PERCY, AND SYMONDS, E. M., Arterial and venous pressures in the human umbilical cord, 261
- MANABE, YUKIO (see NISHIMURA AND MANABE), 1087
- MANDELBAUM, BERNARD, PONTARELLI, DONALD A., AND BRUSHENKO, ANATOLI, Amnioscopy for prenatal transfusion, 1140
- MANN, LEON I., LUTZ, MYRON, SCHULMAN, HAROLD, AND ROMNEY, SEYMOUR L., Hydatidiform mole with hyperthyroidism, 1151 (Comm. in brief)
- MANUEL-LIMSON, GENERA (see NELSON ET AL.), 895
- MARGILETH, ANDREW M. (see HILDEBRANDT ET AL.), 1125
- MARK, PETER (see GRAVES, NEFF, AND MARK), 602
- MARNEY, AMY F. (see BONSNES AND MARNEY), 208
- MARSILETTI, G. C. (see ONNIS ET AL.), 966
- MARTIN, CHESTER B., JR. (see RAMSEY, MARTIN, AND DONNER), 419 (Current investigation)
- MARUYAMA, MASAYOSHI (see TAMADA ET AL.), 811
- MASHIACH, S. (see RABAU ET AL.), 92
- MATSUMOTO, SEIICHI (see TAMADA ET AL.), 811
- MATTHIJSEN, CHARLES (see GOLDZIEHER ET AL.), 759
- MAZZOCCO, NORMA (see PINTO ET AL.), 540
- MELANSON, J. (see FRASER ET AL.), 509
- MENAKER, WALTER, Lunar periodicity with reference to live births, 1002 (Pertinent comments)
- MESSER, R. H., Heat-stable alkaline phosphatase as an index of placental function, 459
- MIGEON, CLAUDE J. (see LOPEZ, MIGEON, AND JONES), 749
- MILLER, GEORGE V. (see WEILBURG, MILLER, AND VON POHLE), 294 (Comm. in brief)
- MOAWAD, ATEF H., AND BENGTSSON, LARS PHILIP, In vivo studies of the motility patterns of the nonpregnant human uterus. I. The normal menstrual cycle, 1057
- , AND HENDRICKS, CHARLES H., Spontaneous and pharmacologically induced disruption of myometrial activity in the early puerperium, 1091
- (see BENGTSSON AND MOAWAD), 957
- MONTANARI, GIORGIO D., Secondary fluorescence of lipid globules in cells exfoliated from gynecologic carcinomas, 581 (Comm. in brief)
- MOORE, DAVID W., AND LANGLEY, IVAN I., Routine use of radiogold following operation for ovarian cancer, 624
- MORI, MASAHICO (see TAKI ET AL.), 107
- MORISHITA, MASAOKI (see TAKI ET AL.), 107
- MORRIS, NAOMI M., AND UDRY, J. RICHARD, Daily immunologic pregnancy testing in initially nonpregnant women, 1148 (Comm. in brief)
- MORSE, W. I. (see FRASER ET AL.), 509
- MROUEH, ADNAN, LYTTON, BERNARD, AND KASE, NATHAN, Effect of clomiphene citrate on oligospermia, 1033
- (see KASE, MROUEH, AND OLSON), 1037
- MULLINIKS, ROBERT C., JR. (see PATTERSON, MULLINIKS, AND SCHREIER), 404

## N

- NAKASHIMA, MITSUYOSHI (see PRINZMETAL ET AL.), 575 (Current investigation)
- NEFF, ROBERT (see GRAVES, NEFF, AND MARK), 602
- NELSON, JAMES H., JR., HALL, J. EDWARD, MANUEL-LIMSON, GENERA, FRIEDBERG, HELEN, AND O'BRIEN, FRANCIS J., Effect of pregnancy on the thymolymphatic system. I. Changes in the intact rat after exogenous HCG, estrogen, and progesterone administration, 895
- NEMES, J. (see ZILAH, NEMES, AND BIKKAL), 1154 (Comm. in brief)
- NERI, ALEXANDER (see BAHARY, OVADIA, AND NERI), 290 (Comm. in brief)
- NEWMAN, WARWICK (see WOOD ET AL.), 62
- NISHIMURA, TOSHIO, AND MANABE, YUKIO, Oxytocin sensitivity and effects of estrogen and progesterone on metureuyster-induced abortions at midpregnancy, 1087

- NISWANDER, KENNETH R., BERENDES, HEINZ, DEUTSCHBERGER, JEROME, LIPKO, NATALIE, AND WESTPHAL, MILTON C., Fetal morbidity following potentially anoxic conditions. V. Organic heart disease, 871  
NOLAN, JAMES F., DOROUGH, MILFORD E., AND ANSON, JOHN H., The value of preoperative radium therapy in Stage I carcinoma of the uterine corpus, 663  
NORRIS, ALBERT S. (see KRETZSCHMAR AND NORRIS), 368

O

- O'BRIEN, FRANCIS J. (see NELSON ET AL.), 895  
ODEL, WILLIAM D. (see HAMMOND ET AL.), 71  
OISHI, HIROSHI (see PRINZMETAL ET AL.), 575 (Current investigation)  
OKAGAKI, TAKASHI (see TAMADA ET AL.), 811  
OLSON, LOWELL E. (see KASE, MROUEH, AND OLSON), 1037  
ONNIS, A., MARSILETTI, G. C., DE SALVIA, D., AND BEVILACQUA, L., Percutaneous selective catheterization of the hypogastric artery and of its branches, 966  
ORCUTT, R. ELGIN, Vacuum extraction, 638  
OUYANG, PEI CHUAN (see WEI AND OUYANG), 79  
OVADIA, YORDANKA (see BAHARY, OVADIA, AND NERI), 290 (Comm. in brief)  
OZKAN, EMIR (see PRINZMETAL ET AL.), 575 (Current investigation)

P

- PAHL, IRWIN R. (see BOOKER AND PAHL), 1099  
PALDI, E. (see PERETZ ET AL.), 18  
PALT, YORAM (see BERCOVICI AND PALT), 414 (Current investigation)  
PAPADIMITRIOU, G. C. (see LOUROS, PAPADIMITRIOU, AND PAPADOPOULOU), 553  
PAPADOPOULOU, M. G. (see LOUROS, PAPADIMITRIOU, AND PAPADOPOULOU), 553  
PATERSON, PETER, PHILLIPS, LYN, AND WOOD, CARL, Relationship between maternal and fetal blood glucose during labor, 938  
PATTERSON, P. R. (see PLOTZ, PATTERSON, AND STREIT), 1105  
PATTERSON, SAM P., MULLINIKS, ROBERT C., JR., AND SCHREIER, PHIL C., Breech presentation in the primigravida, 404  
PAUERSTEIN, CARL J., AND WOODRUFF, J. DONALD, The role of the "indifferent" cell of the tubal epithelium, 121  
PEARSE, WARREN H., AND KAJMAN, HAROLD, Human chorionic gonadotropin and skin homograft survival, 572 (Current investigation)  
PECKHAM, N. H. (see SULLIVAN, PECKHAM, AND JENNINGS), 877  
PERETZ, A., GRUNSTEIN, S., BRANDES, J. M., AND PALDI, E., Evacuation of the gravid uterus by negative pressure (suction evacuation), 18  
PHILLIPS, DEBORAH (see WELFORD ET AL.), 56  
PHILLIPS, LYN (see PATERSON, PHILLIPS, AND WOOD), 938  
PHILLIPS, WILLIAM (see WELFORD ET AL.), 56  
PIHL, ALEXANDER (see KOLSTAD ET AL.), 804  
— (see SANNER ET AL.), 800  
PINTO, ROBERTO MARTIN, LEON, CARLOS, MAZZOCCO, NORMA, AND SCASSERRA, VICTORIA, Action of estradiol-17 $\beta$  at term and at onset of labor, 540  
—, LERNER, ULRICO, AND PONTELLI, HERMINIA, The effect of progesterone on oxytocin-induced contraction of the three separate layers of human gestational myometrium in the uterine body and lower segment, 547  
— (see SCHWARCZ ET AL.), 924  
PITKIN, ROY M., AND ZWIREK, STEPHEN J., Amniotic fluid creatinine, 1135  
PLOTZ, E. J., PATTERSON, P. R., AND STREIT, J. H., Pregnancy in a patient with cystic fibrosis (mucoviscidosis) and diabetes mellitus, 1105

- PONTARELLI, DONALD A. (see MANDELBAUM, PONTARELLI, AND BRUSHENKO), 1140  
PONTELLI, HERMINIA (see PINTO, LERNER, AND PONTELLI), 547  
POSE, S. V. (see ALTHARE ET AL.), 858  
PRATT, JOSEPH H. (see HANTON ET AL.), 116  
PRINZMETAL, MYRON, ISHIKAWA, KAZUO, NAKASHIMA, MITSUYOSHI, OISHI, HIROSHI, OZKAN, EMIR, WAKAYAMA, JIRO, AND BAINES, JAMES M., Estrogens and the heart, 575 (Current investigation)

Q

- QUIJANO, FRANCISCO (see LAQUENS ET AL.), 773  
QUINLIVAN, W. LESLIE G., AND GOLDBERG, SAUL, Autoimmune hemolytic anemia of the cold antibody type associated with pregnancy, 1102

R

- RABAU, E., DAVID, A., SERR, D. M., MASHIACH, S., AND LUNENFELD, B., Human menopausal gonadotropins for anovulation and sterility, 92  
RAMSEY, ELIZABETH M., MARTIN, CHESTER B., JR., AND DONNER, MARTIN W., Fetal and maternal placental circulations, 419 (Current investigation)  
RAVIN, MARK B., AND LANDESMAN, ROBERT, Bilateral spontaneous pneumothorax in the newborn, 1152 (Comm. in brief)  
REMBER, ROBERT R. (see ABBOTT, KANTOR, AND REMBER), 818  
REV-KURY, LIVIA (see KURY, REV-KURY, AND FRIEDEL), 767  
RICHARDSON, T. Q. (see DOUGLAS ET AL.), 889  
RICHART, RALPH M. (see CORFMAN AND RICHART), 987 (Current investigation)  
— (see WILBANKS, RICHART, AND TERNER), 792  
RIFAI, S. F. (see SAMMOUR, ISKANDER, AND RIFAI), 946  
RIKOVER, MOSHE (see INSLER ET AL.), 292 (Comm. in brief)  
ROGERS, ROY S., III, AND WILLIAMS, JAMES HUTCHISON, The impact of the suspicious Papanicolaou smear on pregnancy, 488  
ROMNEY, SEYMOUR L. (see MANN ET AL.), 1151 (Comm. in brief)  
ROSENBERG, HARRY M., Current birth trends in the United States, 1005 (Pertinent comments)  
ROSENFELD, RICHARD E. (see CHERRY AND ROSENFELD), 275  
ROSS, GRIFF T. (see HAMMOND ET AL.), 71  
ROTHCHILD, IRVING, The central nervous system and disorders of ovulation in women, 719 (Current developments)  
ROVINSKY, JOSEPH J., AND GUSBERG, S. B., Current trends in therapeutic termination of pregnancy, 11  
RUST, JESSE A., AND MAAS, HARRY E., Pelvic retroperitoneal fibrosis with response to prednisolone, 654  
RUTLEDGE, FELIX N. (see BURNS ET AL.), 374

S

- SACHTLEBEN, MARLENE R. (see FRIEDMAN AND SACHTLEBEN), 466  
SAJGÓ, M. (see CZEIZEL ET AL.), 1129  
SALA, NÉSTOR L. (see SCHWARCZ ET AL.), 577 (Current investigation)  
SAMMOUR, M. B., ISKANDER, S. G., AND RIFAI, S. F., Combined histologic and cytologic study of intrauterine contraception, 946  
SANNER, TOBE, BERGSJÖ, PER, KOLLER, ODDMUND, KOLSTAD, PER, AND PIHL, ALEXANDER, Technical modifications of the 6-phosphogluconate dehydrogenase test of vaginal fluid, 800  
— (see KOLSTAD ET AL.), 804  
SCASSERRA, VICTORIA (see PINTO ET AL.), 540  
SCHAUFF, KARL, JR., Routine postpartum manual exploration of the uterus, 631

- SCHENKER, J. G., AND SERR, D. M., Comparative study of delivery by vacuum extractor and forceps, 32
- SCHREIER, PHIL C. (see PATTERSON, MULLINIKS, AND SCHREIER), 404
- SCHULMAN, HAROLD (see MANN ET AL.), 1151 (Comm. in brief)
- SCHWARCZ, R., JR., ALTHABE, O., JR., FISCH, L., AND PINTO, R. M. Relationships between intervillous space amniotic fluid and maternal arterial blood pressures, 924
- , SALA, NÉSTOR L., ALTHABE, OMAR, JR., AND FISCH, LEÓN, Effect of atropine upon uterine contractility induced by artificial cervical dilatation, 577 (Current investigation)
- (see ALTHABE ET AL.), 858
- SEEDS, A. ELMORE, Water transfer across the human amnion in response to osmotic gradients, 568
- SELEN, J. (see STOLTE ET AL.), 694 (Current investigation)
- SEGAL, SHELDON J. (see TAUBERT AND SEGAL), 126 (Current investigation)
- SEGAL, THEA (see INSLER ET AL.), 292 (Comm. in brief)
- SERR, D. M. (see RABAU ET AL.), 92
- (see SCHENKER AND SERR), 32
- SEVER, JOHN L. (see HILDEBRANDT ET AL.), 1125
- SEYMOUR, ROBERT J., Preliminary experience with the Saff-T-Coil, 1150 (Comm. in brief)
- SMALE, M. (see HIBBARD ET AL.), 609
- SMITH, CHARLES J. (see ULFELDER, SMITH, AND COSTELLO), 424 (Clinical problems)
- SMITH, JULIAN P. (see BURNS ET AL.), 374
- SOFFER, LOUIS J. (see FOGEL AND SOFFER), 85
- SONKA, JIKI (see KOTÁSEK ET AL.), 229
- SONTAG, L. W. (see WELFORD ET AL.), 56
- STABINSKY, CHARLES, AND TAGER, MICHAEL G., Ectopic uterine orifice presenting with vaginal discharge, 582 (Comm. in brief)
- STARR, SHARON (see SULLIVAN, PECKHAM, AND JENNINGS), 877
- STEER, CHARLES M. (see WIDER, EREZ, AND STEER), 24
- STEVENSON, LEE B., AND HODGKINSON, C. PAUL, Basic surgical training of the gynecologist-obstetrician, 387
- STOLTE, L., VAN KESSEL, H., SELEN, J., ESKES, T., AND WAGATSUMA, T., Failure to produce the syndrome of amniotic fluid embolism by infusion of amniotic fluid and meconium into monkeys, 694
- STREIT, J. H. (see PLOTZ, PATTERSON, AND STREIT), 1105
- SULLIVAN, J. F., PECKHAM, N. H., AND JENNINGS, E. R., Rh immunization, 877
- SULLIVAN, W. J., JR. (see WAGATSUMA, SULLIVAN, AND KUMAR), 1050
- SUMMERIL, S. (see HIBBARD ET AL.), 609
- SWANSON, PATRICIA (see SULLIVAN, PECKHAM, AND JENNINGS), 877
- SYMONDS, E. M. (see MALPAS AND SYMONDS), 261

## T

- TAGER, MICHAEL G. (see STABINSKY AND TAGER), 582 (Comm. in brief)
- TAKI, ICHIRO, IJIMA, HIROSHI, UETSUKI, MASAYO, HAMANAKA, NOBUAKI, MORISHITA, MAASAKI, AND MORI, MASAHICO, Histochemical studies of steroid 3 $\beta$ -ol dehydrogenases of the human ovaries, 107
- TAMADA, TARO, OKAGAKI, TAKASHI, MARUYAMA, MASAYOSHI, AND MATSUMOTO, SEIICHI, Endometrial histology associated with an intrauterine contraceptive device, 811
- TARJÁN, GY. (see CZEIZEL ET AL.), 1129
- TAUBERT, HANS-DIETER, AND SEGAL, SHELDON J., Absorption of estrogen and progesterone by intrauterine devices, 126 (Current investigation)
- TAYLOR, E. STEWART (see THOMPSON ET AL.), 472
- TAYMOR, MELVIN L. (see AONO ET AL.), 996 (Current investigation)
- TERNER, GEORGE Y. (see WILBANKS, RICHART, AND TERNER), 792

- THOMPSON, HORACE E., HOLMES, JOSEPH H., GOTTESFELD, KENNETH R., AND TAYLOR, E. STEWART, Ultrasound diagnostic aid in diseases of the pelvis, 472
- THRUPP, L. (see HIBBARD ET AL.), 609
- TJIAT, NJO TIONG (see HOK, LOEN, AND TJIAT), 781
- TOPPOZADA, HUSSEIN K., GAAFAR, AHMED A., AND EL-SAHWI, SAMIR, The urinary bladder and uterine activity, 904
- (see EL-SAHWI, GAAFAR, AND TOPPOZADA), 900
- (see GAAFAR, EL-SAHWI, AND TOPPOZADA), 913

## U

- UDRY, J. RICHARD (see MORRIS AND UDRY), 1148 (Comm. in brief)
- UETSUKI, MASAYO (see TAKI ET AL.), 107
- ULFELDER, HOWARD, SMITH, CHARLES J., AND COSTELLO, J. B., Invasive carcinoma of the cervix during pregnancy, 424 (Clinical problems)
- USZYŃSKI, MIECZSLAW, AND USZYŃSKA-FOLEJEWSKA, RYTA, The plasminogen activator content of the myometrium in nonpregnant, pregnant, and parturient women, 825
- USZYŃSKA-FOLEJEWSKA, RYTA (see USZYŃSKI AND USZYŃSKA-FOLEJEWSKA), 825

## V

- VAN BOGAERT, ERIC C., DE PERETTI, EVELINE, AND VILLEE, C. A., Electrophoretic studies of human placental dehydrogenases, 919
- VAN KESSEL, H. (see STOLTE ET AL.), 694 (Current investigation)
- VELA, B. A. (see GOLDZIEHER ET AL.), 759
- VILLEE, C. A. (see VAN BOGAERT, DE PERETTI, AND VILLEE), 919
- VON POHLE, KENNETH C. (see WEILBURG, MILLER, AND VON POHLE), 294 (Comm. in brief)

## W

- WAGATSUMA, T., SULLIVAN, W. J., JR., AND KUMAR, D., The mechanism of action of progesterone on the human myometrium. I. In vitro progesterone effects on potassium flux in human myometrium, 1050
- (see STOLTE ET AL.), 694 (Current investigation)
- WAKAYAMA, JIRO (see PRINZMETAL ET AL.), 575 (Current investigation)
- WALKER, ADRIAN (see WOOD ET AL.), 62
- WALLACH, EDWARD E., WATSON, FRANCIS M., JR., AND GARCIA, CELSO-RAMON, Patient acceptance of oral contraceptives. II. The private patient, 1071
- WATSON, FRANCIS M., JR. (see WALLACH, WATSON, AND GARCIA), 1071
- WEBB, GILBERT A., Maternal death associated with premature rupture of the membranes, 594
- WEBSTER, AUGUSTA (see LARKS, WEBSTER, AND LARKS), 52
- WEI, PING YEN, AND CHIANG, WEN TSUO, Tissue culture study of abnormal trophoblast, 1144 (Current investigation)
- , AND LIN, CHIN CHU, Incidence of twin births among the Chinese in Taiwan, 881
- , AND OUYANG, PEI CHUAN, The use of methotrexate in the treatment of trophoblastic diseases, especially choriocarcinoma, 79
- (see LEE ET AL.), 808
- WEILBURG, RICHARD D., MILLER, GEORGE V., AND VON POHLE, KENNETH C., Paget's disease of the vulva associated with adenocarcinoma developing in a hidradenoma papilliferum, 294 (Comm. in brief)
- WELFORD, NORMAN T., SONTAG, L. W., PHILLIPS, WILLIAM, AND PHILLIPS, DEBORAH, Individual differences in heart rate variability in the human fetus, 56
- WENTWORTH, PAUL, The placenta in cases of hemolytic disease of the newborn, 283
- WESTPHAL, MILTON C. (see NISWANDER ET AL.), 871
- WIDER, JERRY A., EREZ, SELCUK, AND STEER, CHARLES M., An evaluation of the vacuum extractor in a series of 201 cases, 24



- WILBANKS, GEORGE D., RICHARD, RALPH M., AND TERNER, JACOB Y., DNA content of cervical intraepithelial neoplasia studied by two-wavelength Feulgen cytophotometry, 792
- WILLIAMS, A. OLUFEMI, Pathology of schistosomiasis of the uterine cervix due to *S. haematobium*, 784
- WILLIAMS, JAMES HUTCHISON (*see* ROGERS AND WILLIAMS), 488
- WOOD, CARL, FERGUSON, RUSSELL, LEETON, JOHN, NEWMAN, WARWICK, AND WALKER, ADRIAN, Fetal heart rate and acid-base status in the assessment of fetal hypoxia, 62

- (*see* PATERSON, PHILLIPS, AND WOOD), 938
- WOODRUFF, J. DONALD (*see* PAUERSTEIN AND WOODRUFF), 121
- WNUK, J. (*see* LESINSKI, JAJSZCZAK, AND WNUK), 44

Z

- ZATUCHNI, GERALD I., AND ANDROS, GEORGE J., Prognostic index for vaginal delivery in breech presentation at term, 854
- ZILAH, Z., NEMES, J., AND BIKKAL, A., Follow-up study of cervical epithelial atypia of pregnancy, 1154 (Comm. in brief)
- ZWIREK, STEPHEN J. (*see* PITKIN AND ZWIREK), 1135

## Subject index\*

### A

- Abnormal trophoblast, tissue culture study of (Wei and Chiang), 1144 (Current investigation)
- Abortion deaths in California (Fox), 645
  - criminal, illegitimate pregnancy deaths, and suicides in pregnancy (Barno), 356
  - metreurynter-induced at midpregnancy, oxytocin sensitivity and effects of estrogen and progesterone on (Nishimura and Manabe), 1087
  - therapeutic (Rovinsky and Gusberg), 11
  - psychiatric implications of (Kretschmar and Norris), 360
- Abscess, pelvic, aggressive management of (Kaplan, Jacobs, and Ehresman), 482
- Absorption of estrogen and progesterone by intrauterine devices (Taubert and Segal), 126 (Current investigation)
- Accelerated painless labor (Louros, Papadimitriou, and Papapostolou), 555
- Acid-base status, fetal heart rate and, in assessment of fetal hypoxia (Wood et al.), 62
- Activator, plasminogen, content of myometrium in non-pregnant, pregnant, and parturient women (Uszyński and Uszyńska-Folejewska), 825
- Adenocarcinoma developing in hidradenoma papilliferum, Paget's disease of vulva associated with (Weilburg, Miller, and Von Pohle), 294 (Comm. in brief)
  - mucinous, of urachus in women (Howell and Diddle), 585 (Comm. in brief)
- Alkaline phosphatase, heat-stable, as index of placental function (Messer), 459
- Alpha toxins, staphylococcal, influence of, on transport and development of fertilized eggs in rabbits (Lesinski, Jajszczak, and Wnuk), 44
- Altered glucose metabolism in pregnancy (Graves, Neff, and Mark), 602
- American Board of Obstetrics and Gynecology, certification by, 1020 (Items)
  - schedule of examinations, 150, 296, 444, 748, 1032 (Items)
  - College of Nurse-Midwifery annual convention, 296 (Items)
  - Geriatric Society annual meeting, 150 (Items)
  - Society of Colposcopy and Colpomicroscopy, meeting of, 296 (Items)
- Amino nitrogen and protein concentrations in rabbit blastocyst fluid, relationship between (Lesinski, Jajszczak, and Choroszevska), 48
- Amnion and chorion membranes, human, permeability of (Barton and Baker), 562
  - human, water transfer across, in response to osmotic gradients (Seeds), 568
- Amnioscopy for prenatal transfusion (Mandelbaum, Pontarelli, and Brushenko), 1140
- Amniotic fluid creatinine (Pitkin and Zwirek), 1135
  - embolism (Anderson), 336
    - syndrome of, failure to produce, by infusion of amniotic fluid and meconium into monkeys (Stolte et al.), 694 (Current investigation)
  - evaluation and management of erythroblastosis fetalis (McCutcheon and Little), 266

### Amniotic fluid—Cont'd

- intervillous space, and maternal arterial blood pressures, relationships between (Schwarcz et al.), 924
  - and meconium, infusion of, into monkeys, failure to produce syndrome of amniotic fluid embolism by (Stolte et al.), 694 (Current investigation)
- Analgesia in obstetrics (Filler, Hall, and Filler), 832
- Anemia, autoimmune hemolytic, of cold antibody type associated with pregnancy (Quinlivan and Goldberg), 1102
- Anesthesia, single-dose caudal (Fernandez-Sepulveda and Gomez-Rogers), 847
- Angiotensinase activity in pregnant and nonpregnant women (Berger and Langhans), 215
- Anovulation and sterility, human menopausal gonadotropins for (Rabau et al.), 92
  - syndrome of, following use of oral contraceptives (Dodek and Kotz), 1065
- Anovulatory infertility, Clomid therapy for (Kase, Mroueh, and Olson), 1037
  - states, Stein-Leventhal syndrome and, urinary gonadotropin-inhibiting substance in (Fogel and Soffer), 85
- Anoxigenic obstetric conditions, fetal morbidity following potentially (Niswander et al.), 871
- Antibody to oxytocin (Gusdon), 526
  - type, cold, autoimmune hemolytic anemia of, associated with pregnancy (Quinlivan and Goldberg), 1102
- Apgar rating for prediction of condition of infant at birth (Larks, Webster, and Larks), 52
- Arterial blood flow into human intervillous space (Burchell), 303
  - pressures, maternal, relationships between intervillous space amniotic fluid and (Schwarcz et al.), 924
  - pressure, elevated, effect of hypovolemia and, on circulatory dynamics of pregnant animals (Douglas et al.), 889
  - and venous pressures in human umbilical cord (Malpas and Symonds), 261
- Artery, hypogastric, percutaneous selective catheterization of, and of its branches (Onnis et al.), 966
- Atropine, effect of, upon uterine contractility induced by artificial cervical dilatation (Schwarcz et al.), 577 (Current investigation)
- Autoimmune hemolytic anemia of cold antibody type associated with pregnancy (Quinlivan and Goldberg), 1102

### B

- Bacteriology, comparative, of endocervical mucus (Hok, Loen, and Tjia), 781
- Bilateral spontaneous pneumothorax in newborn (Ravin and Landesman), 1152 (Comm. in brief)
- Birth(s), live, lunar periodicity with reference to (Menaker), 1002 (Pertinent comments)
  - trends, current, in United States (Rosenberg), 1005 (Pertinent comments)
  - twin, incidence of, among Chinese in Taiwan (Wei and Lin), 881
- Bladder, urinary, and uterine activity (Toppozada, Gaafar, and El-Sahwi), 904
- Blastocyst fluid, rabbit, amino nitrogen and protein concentrations in, relationship between (Lesinski, Jajszczak, and Choroszevska), 48

\*May 1, 1-150; May 15, 151-296; June 1, 297-444; June 15, 445-586; July 1, 587-748; July 15, 749-888; August 1, 889-1032; August 15, 1033-1172.

- Blood flow, arterial, into human intervillous space (Burchell), 303  
glucose during labor, relationship between (Paterson, Phillips, and Wood), 938  
volume during pregnancy (Lund and Donovan), 393  
Breast, cancer of, in pregnancy and during lactation (Haagensen), 141 (Current developments)  
engorgement, postpartum, control of, with oral contraceptives (Booker and Pahl), 1099  
malignancy, detection of, thermography in (Hoffman), 681  
milk of lactating women, radioactivity in, after oral administration of <sup>3</sup>H-norethynodrel (Laumas et al.), 411 (Current investigation)  
Breech presentation in primigravida (Patterson, Mulliniks, and Schreier), 404  
at term, prognostic index for vaginal delivery in (Zatuchni and Andros), 854

C

- Cancer (*see also* carcinoma)  
of breast in pregnancy and during lactation (Haagensen), 141 (Current developments)  
cervical, epidemiology of, study of (Figge and Bennington), 516  
linear accelerator in treatment of (McLennan, McLennan, and Bagshaw), 675  
detection of preinvasive and early invasive, by 6-phosphogluconate dehydrogenase determinations (Kolstad et al.), 804  
etiology and pathogenesis, role of steroid hormones in (Hertz), 1013 (Current developments)  
ovarian, routine use of radiogold following operation for (Moore and Langley), 624  
Candida septicemia, fetal, developing after hysterectomy and transfusion (Goldman, Eckerling, and Bassat), 885 (Comm. in brief)  
Carcinogenic and noncarcinogenic substances, differential chromosomal effects of (Kaminetzky and Jagiello), 349  
Carcinoma (*see also* cancer)  
cervical, premenopausal women with, metabolism and production rate of estradiol-17 $\beta$  in (Fraser et al.), 509  
of cervix, invasive, during pregnancy (Ulfelder, Smith, and Costello), 424 (Clinical problems)  
gynecologic, secondary fluorescence of lipid globules exfoliated in cells from (Montanari), 581 (Comm. in brief)  
multicentric squamous cell, of lower female genital tract (Hansen and Collins), 982  
ovarian, management of (Burns et al.), 374  
in situ, cervical, conization in treatment of, role of (Adelman and Hajdu), 173  
of cervix (Devereux and Edwards), 497  
of uterine corpus, Stage I, value of preoperative radiation therapy in (Nolan, Dorough, and Anson), 663  
epidermoid, induction in rats of, by plastic and stainless steel intrauterine devices (Corfman and Richart), 987 (Current investigation)  
Catheterization, percutaneous selective, of hypogastric artery and of its branches (Onnis et al.), 966  
Caudal anesthesia, single-dose (Fernandez-Sepulveda and Gomez-Rogers), 847  
Cell(s) exfoliated from gynecologic carcinomas, secondary fluorescence of lipid globules in (Montanari), 581 (Comm. in brief)  
"indifferent," of tubal epithelium, role of (Pauerstein and Woodruff), 121  
Central Association of Obstetricians and Gynecologists, transactions of thirty-fourth annual meeting, 297-410, 443-508  
nervous system and disorders of ovulation in women (Rothchild), 719 (Current developments)

- Certification by American Board of Obstetrics and Gynecology, 1020 (Items)  
Cervical cancer, epidemiology of, study of (Figge and Bennington), 516  
linear accelerator in treatment of (McLennan, McLennan, and Bagshaw), 675  
carcinoma, premenopausal women with, metabolism and production rate of estradiol-17 $\beta$  in (Fraser et al.), 509  
in situ, conization in treatment of, role of (Adelman and Hajdu), 173  
cytology, dyskaryosis in, and relationship to trichomoniasis therapy (Hulka and Hulka), 180  
dilatation, artificial, effect of atropine on uterine contractility induced by (Schwarcz et al.), 577 (Current investigation)  
epithelial atypia of pregnancy, follow-up study of (Zilahi, Nemes, and Bikkal), 1154 (Comm. in brief)  
intraepithelial neoplasia studied by two-wavelength Feulgen cytophotometry, DNA content of (Wilbanks, Richart, and Turner), 792  
tissues, human, metabolism, of (Kury, Rev-Kury, and Friedell), 767  
Cervix, carcinoma of, invasive, during pregnancy (Ulfelder, Smith, and Costello), 424 (Clinical problems)  
in situ of (Devereux and Edwards), 497  
uterine, pathology of schistosomiasis of, due to *S. haematobium* (Williams), 784  
Chemotherapy, primary, for nonmetastatic gestational trophoblastic neoplasms (Hammond et al.), 71  
Childbirth, preparation for, psychosomatic methods for (Chertok), 698 (Pertinent comments)  
Choriocarcinoma, methotrexate in treatment of trophoblastic diseases, use of (Wei and Ouyang), 79  
Chorion membranes, amnion and, human, permeability of (Barton and Baker), 562  
Chorionic gonadotropin, human (HCG), human pituitary luteinizing hormone (LH) and, radioimmunoassay method for, using <sup>125</sup>I-labeled LH (Aono et al.), 996 (Current investigation)  
stimulation test, dexamethasone suppression and, hirsutism and evaluation of (Lopez, Migeon, and Jones), 749  
in urine, accuracy of passive hemagglutination inhibition method for determination (Bonsnes and Marney), 208  
Chromosomal effects, differential, of carcinogenic and noncarcinogenic substances (Kaminetzky and Jagiello), 349  
Circulations, placental, fetal and maternal (Ramsey, Martin, and Donner), 419 (Current investigation)  
Circulatory dynamics of pregnant animals, effects of hypervolemia and elevated arterial pressure on (Douglas et al.), 889  
Clinical obstetrics, ethology in (Kimball), 616  
problems, 424-428  
Clomid therapy for anovulatory infertility (Kase, Mroueh, and Olson), 1037  
Clomiphene, action of, on hormonal secretions (Ancla and de Brux), 1043  
citrate, effect of, on oligospermia (Mroueh, Lytton, and Kase), 1033  
Cold antibody type, autoimmune hemolytic anemia of, associated with pregnancy (Quinlivan and Goldberg), 1102  
Colposcopy and Colpomicroscopy, American Society of, meeting of, 296 (Items)  
Communications in brief, 290-295, 581-586, 885-888, 1148-1156  
Conization in treatment of cervical carcinoma in situ, role of (Adelman and Hajdu), 173  
Contraception, intrauterine, combined histologic and cytologic study of (Sammour, Iskander, and Rifai), 946  
nurse-midwife as mediator of (Beasley), 201

- Contraceptive device, intrauterine, endometrial histology associated with (Tamada et al.), 811  
 long-term effect of, on uterus and Fallopian tubes of rhesus monkeys (Kar et al.), 194  
 users, histologic study of endometrium of (Lee et al.), 808  
 uterine perforation with (Burnhill and Birnberg), 135 (Pertinent comments)  
 therapy, oral, transaminase activity during, 2 hour sulfo-bromophthalein retention test and (Larsson-Cohn), 188
- Contraceptives, oral, control of postpartum breast engorgement with (Booker and Pahl), 1099  
 patient acceptance of—private patient (Wallach, Watson, and Garcia), 1071  
 syndrome of anovulation following use of (Dodek and Kotz), 1065
- Contractility, uterine, induced by artificial cervical dilatation, effect of atropine on (Schwarz et al.), 577 (Current investigation)
- Contraction, oxytocin-induced, of three separate layers of human gestational myometrium in uterine body and lower segment, effect of progesterone on (Pinto, Lerner, and Pontelli), 547
- Cord, umbilical, human, arterial, and venous pressures in (Malpas and Symonds), 261
- Creatinine, amniotic fluid (Pitkin and Zwirek), 1135
- Culture study, tissue, of abnormal trophoblast (Wei and Chiang), 1144 (Current investigation)
- Current developments, 141-149, 429-443, 719-747, 1013-1019
- Current investigation, 126-127, 411-423, 572-580, 687-697, 987-1001, 1114-1147
- Cystic fibrosis (mucoviscidosis) and diabetes mellitus, pregnancy in patient with (Plotz, Patterson, and Streit), 1105
- Cytology, cervical, dyskaryosis in, and relationship to trichomoniasis therapy (Hulka and Hulka), 180
- Cytomegalovirus in normal pregnant women (Hildebrandt et al.), 1125
- Cytophotometry, two-wavelength Feulgen, DNA content of cervical intraepithelial neoplasia studied by (Wilbanks, Richart, and Terner), 792
- D**
- Death(s), abortion, in California (Fox), 645  
 fetal, human placenta 2 weeks after, light and electron microscopic observations on (Davies and Glasser), 1111  
 maternal associated with premature rupture of membranes (Webb), 594
- Dehydroepiandrosterone, urinary, in late toxemia of pregnancy (Kotásek et al.), 229
- Dehydrogenases, placental, human, electrophoretic studies of (Van Bogaert, De Peretti, and Villee), 919
- Dehydrogenase, 6-phosphogluconate, determinations, detection of preinvasive and early invasive cancer by (Kolstad et al.), 804  
 test of vaginal fluid, technical modifications of (Sanner et al.), 800
- Delivery, premature, fetal survival with, in complications of pregnancy (Dignam), 587  
 by vacuum extractor and forceps, comparative study (Schenker and Serr), 32  
 vaginal, in breech presentation, at term, prognostic index for (Zatuchni and Andros), 854
- Desaminoxytocin, clinical studies on (Bieniasz, Drewniak, and Klimek), 535
- Detection of breast malignancy, thermography in (Hoffman), 681
- Dexamethasone suppression and chorionic gonadotropin stimulation test, evaluation of, hirsutism and (Lopez, Migeon, and Jones), 749
- Diabetes mellitus, cystic fibrosis (mucoviscidosis) and, pregnancy in patient with (Plotz, Patterson, and Streit), 1105

- Discharge, vaginal, ectopic ureteral orifice presenting with (Stabinsky and Tager), 582 (Comm. in brief)
- Diseases of pelvis, ultrasound as diagnostic aid in (Thompson et al.), 472
- Disruption of myometrial activity, spontaneous and pharmacologically induced, in early puerperium (Moawad and Hendricks), 1091
- DNA content of cervical intraepithelial neoplasia, studies by two-wavelength Feulgen cytophotometry (Wilbanks, Richart, and Terner), 792
- Drug interaction (King and Burgard), 128 (Pertinent comments)
- Dysgenesis, gonadal, spectrum of (Greenblatt et al.), 151
- Dyskaryosis in cervical cytology and relationship to trichomoniasis therapy (Hulka and Hulka), 180

**E**

- Ectopic ureteral orifice presenting with vaginal discharge (Stabinsky and Tager), 582 (Comm. in brief)
- Electrocardiography, fetal, quantitative studies in (Larks, Webster, and Larks), 52
- Electrocoagulation of pituitary of fetal lamb, failure of initiation of parturition after (Liggins, Kennedy, and Holm), 1080
- Electron microscopic observations, light and, on human placenta 2 weeks after fetal death (Davies and Glasser), 1111
- Electrophoretic studies of human placental dehydrogenases (Van Bogaert, De Peretti, and Villee), 919
- Embolism, amniotic fluid (Anderson), 336
- Endocervical epithelium, human, fine structure (Laguens et al.), 773  
 mucus, comparative bacteriology of (Hok, Loen, and Tjait), 781
- Endometrial histology associated with intrauterine contraceptive device (Tamada et al.), 811
- Endometriosis in young women (Hanton et al.), 116
- Endometrium of intrauterine contraceptive device users, histologic study of (Lee et al.), 808
- Endotoxin, effect of, on placental metabolism (Czeizel et al.), 1129
- Epidemiology of cervical cancer, study of (Figge and Bennington), 516
- Epidermoid carcinomas, uterine, induction in rats of, by plastic and stainless steel intrauterine devices (Corfman and Richart), 987 (Current investigation)
- Epithelial atypia, cervical, of pregnancy, follow-up study (Zilahi, Nemes, and Bikkal), 1154 (Comm. in brief)
- Epithelium, endocervical, human, fine structure of (Laguens et al.), 773  
 tubal, role of "indifferent" cell of (Pauerstein and Woodruff), 121
- Erythroblastosis fetalis, amniotic fluid evaluation and management of (McCutcheon and Little), 266  
 management of, intrauterine fetal transfusions for (Cherry and Rosenfield), 275
- Esophagitis, reflux, as cause of heartburn in pregnancy (Castro), 1
- Estimated and actual maturation index, comparison of (Gillespie and Gillespie), 40
- Estradiol-17 $\beta$ , action of, at term and at onset of labor (Pinto et al.), 540  
 metabolism and production rate of, in premenopausal women with cervical carcinoma (Fraser et al.), 509
- Estriol, urinary, in pregnancy, accurate method for determination of (Jaffe and Levitz), 992 (Current investigation)
- Estrogen, exogenous HCG, and progesterone administration, changes in intact rat after (Nelson et al.), 895  
 and heart (Prinzmetal et al.), 579 (Current investigation)  
 metabolism in polycystic ovary syndrome (Barlow and Logan), 687 (Current investigation)

# Estrogen—Cont'd

- and progesterone, absorption of, by intrauterine devices (Taubert and Segal), 126 (Current investigation)
- effects of, oxytocin sensitivity and, on metreurynter-induced abortions at midpregnancy (Nishimura and Manabe), 1087
- Ethology in clinical obstetrics (Kimball), 616
- Evacuation of gravid uterus by negative pressure (suction evacuation) (Peretz et al.), 18

## F

- Fallopian tubes, uterus and, of rhesus monkeys, long-term effects of intrauterine contraceptive device on (Kar et al.), 194
- Fertilized eggs in rabbits, transport and development of, influence of staphylococcal alpha toxins on (Lesinski, Jajszczak, and Wnuk), 44
- Fetal *Candida* septicemia developing after hysterectomy and transfusion (Goldman, Eckerling, and Bassat), 885 (Comm. in brief)
- death, human placenta 2 weeks after, light and electron microscopic observations on (Davies and Glasser), 1111
- electrocardiography, quantitative studies in (Larks, Webster, and Larks), 52
- heart rate and acid-base status in assessment of fetal hypoxia (Wood et al.), 62
- and fetal pO<sub>2</sub> effects on, of oxygen administration to mother (Althabe et al.), 838
- hypoxia, fetal heart rate and acid-base status in assessment of (Wood et al.), 62
- morbidity following potentially anoxic obstetric conditions. V. Organic heart disease (Niswander et al.), 871
- survival with premature delivery in complications of pregnancy (Dignam), 587
- weight in utero, estimation of, by simple external palpation (Insler et al.), 292 (Comm. in brief)
- Fetus, human, heart rate variability in, individual differences in (Welford et al.), 56
- Fibrin deposition, intervillous—Rohr, Nitabuch, and Langhans striae (Bădăraș and Gavrilă), 252
- perivillous, in human placenta (Fox), 245
- Fibrosis, pelvic retroperitoneal, with response to prednisolone (Rust and Maas), 634
- Fine structure of human endocervical epithelium (Laguens et al.), 773
- Fluorescence of lipid globules in cells exfoliated from gynecologic carcinomas, secondary (Montanari), 581 (Comm. in brief)
- Forceps and vacuum extractor (Editorial comment), 23
- delivery by, comparative study (Schenker and Serr), 32

## G

- Gas chromatographic method, simplified, for large numbers of urinary pregnanediol determinations (Goldzieher et al.), 759
- Genital tract, lower female, multicentric squamous cell carcinoma of (Hansen and Collins), 982
- Gestational trophoblastic neoplasms, nonmetastatic, primary chemotherapy for (Hammond et al.), 71
- Glucose, blood, during labor, relationship between maternal and fetal (Paterson, Phillips, and Wood), 938
- metabolism, altered, in pregnancy (Graves, Neff, and Mark), 602
- transfer and use of, in human placenta during in vitro perfusion and associated effects of oxytocin and papaverine (Howard and Krantz), 445
- Gonadal dysgenesis, spectrum of (Greenblatt et al.), 151
- Gonadotropin(s), chorionic, stimulation test, hirsutism and evaluation of dexamethasone suppression and (Lopez, Migeon, and Jones), 749

# Gonadotropin—Cont'd

- in urine, accuracy of passive hemagglutination inhibition method for determination (Bonsnes and Marney), 208
- human chorionic, and skin homograft survival (Pearse and Kaiman), 572 (Current investigation)
- human pituitary luteinizing hormone (LH) and, radioimmunoassay method for, using <sup>125</sup>I-labeled LH (Aono et al.), 996 (Current investigation)
- menopausal, for anovulation and sterility (Rabau et al.), 92
- inhibiting substance, urinary, in Stein-Leventhal syndrome and other anovulatory states (Fogel and Soffer), 85

## H

- HCG, exogenous, estrogen, and progesterone administration, changes in intact rat after (Nelson et al.), 895
- Heart disease, organic (Niswander et al.), 871
- estrogens and (Prinzmetal et al.), 575 (Current investigation)
- rate and acid-base status, fetal, in assessment of fetal hypoxia (Wood et al.), 62
- fetal, and fetal pO<sub>2</sub>, effects on, of oxygen administration to mother (Althabe et al.), 838
- response of human fetus to induced maternal hypoxia (Copher and Huber), 320
- variability in human fetus, individual differences (Welford et al.), 56
- Heartburn in pregnancy, reflux esophagitis as cause of (Castro), 1
- Heat-stable alkaline phosphatase as index of placental function (Messer), 459
- Hemagglutination inhibition method, passive, for determination of chorionic gonadotropin in urine, accuracy of (Bonsnes and Marney), 208
- Hemolytic anemia, autoimmune, of cold antibody type associated with pregnancy (Quinlivan and Goldberg), 102
- disease of newborn, placenta in cases of (Wentworth), 283
- Hidradenoma papilliferum, adenocarcinoma of vulva developing in, Paget's disease of vulva associated with (Weilburg, Miller, and Von Pohle), 294 (Comm. in brief)
- Hirsutism and evaluation of dexamethasone suppression and chorionic gonadotropin stimulation test (Lopez, Migeon, and Jones), 749
- Histochemical study of interstitial gland tissue in ovaries of nonpregnant women (Guray et al.), 99
- of steroid 3 $\beta$ -ol dehydrogenases of human ovaries (Taki et al.), 107
- <sup>3</sup>H-norethynodrel, radioactivity in breast milk of lactating women after oral administration (Laumas et al.), 411 (Current investigation)
- Hormonal secretions, action of clomiphene on (Ancula and de Brux), 1043
- Hormones, steroid, role of in etiology and pathogenesis of cancer (Hertz), 1013 (Pertinent comments)
- Homograft survival, skin, human chorionic gonadotropin and (Pearse and Kaiman), 572 (Current investigation)
- Human chorionic gonadotropin and skin homograft survival (Pearse and Kaiman), 572 (Current investigation)
- menopausal gonadotropins for anovulation and sterility (Rabau et al.), 92
- Hydatidiform mole with hyperthyroidism (Mann et al.), 1151 (Comm. in brief)
- Hypertension, pregnancy, urine white-cell excretion and pyrogen test in (McFadyen and McCallum), 234
- Hyperthyroidism, hydatidiform mole with (Mann et al.), 1151 (Comm. in brief)
- Hypervolemia and elevated arterial pressure, effect of, on circulatory dynamics of pregnant animals (Douglas et al.), 889
- Hypogastric artery, percutaneous selective catheterization of, and of its branches (Onnis et al.), 966



- Hypoxia, fetal heart rate and acid-base status in assessment of (Wood et al.), 62  
 induced maternal, heart rate response of human fetus to (Copher and Huber), 320  
 maternal, in pregnant ewes and fetal lambs, effects of (Kirschbaum et al.), 429 (Current developments)  
 Hysterectomy and transfusion, fetal *Candida* septicemia developing after (Goldman, Eckerling, and Bassat), 885 (Comm. in brief)

## I

- <sup>125</sup>I-labeled LH, radioimmunoassay method for human pituitary luteinizing hormone (LH) and human chorionic gonadotropin (HCG) using (Aono et al.), 996 (Current investigation)  
 Illegitimate pregnancy deaths, criminal abortion deaths, and suicides in pregnancy (Barno), 356  
 Immunologic pregnancy testing, daily, of initially nonpregnant women (Morris and Udry), 1148  
 Index of placental function, heat-stable alkaline phosphatase as (Messer), 459  
 "Indifferent" cell of tubal epithelium role of (Pauerstein and Woodruff), 121  
 Induced disruption of myometrial activity, spontaneous and pharmacologically, in early puerperium (Moawad and Hendricks), 1091  
 Infertility, anovulatory, Clomid therapy for (Kase, Mroueh, and Olson), 1037  
 Interaction, drug (King and Burgard), 128 (Pertinent comments)  
 International Symposium on Pharmacology of Hormonal Peptides, 444 (Items)  
 Interstitial gland tissue in ovaries of nonpregnant women, histochemical study of (Guraya), 99  
 Intervillous fibrin deposition—Rohr, Nitabuch, and Langhans striae (Bădăraș and Gavrilă), 252  
   space amniotic fluid and maternal arterial blood pressures, relationships between (Schwarcz et al.), 924  
   human, arterial blood flow into (Burchell), 303  
 Intraepithelial neoplasia, cervical, DNA content of, studied by two-wavelength Feulgen cytophotometry (Wilbanks, Richart, and Terner), 792  
 Intrauterine contraception, combined histologic and cytologic study of (Sammour, Iskander, and Rifai), 946  
   contraceptive device, endometrial histology associated with (Tamada et al.), 811  
   long-term effect of, on uterus and Fallopian tubes of rhesus monkeys (Kar et al.), 194  
   users, histologic study of endometrium of (Lee et al.), 808  
   uterine perforation with (Burnhill and Birnberg), 135 (Pertinent comments)  
   devices, absorption of estrogen and progesterone by (Taubert and Segal), 126 (Current investigation)  
   plastic and stainless steel, induction in rats of uterine epidermoid carcinomas by (Corfman and Richart), 987 (Current investigation)  
   fetal transfusion for management of erythroblastosis (Cherry and Rosenfield), 275  
 Iron, placental transfer of (McLaurin and Cotter), 931  
 Isoimmunization, RH (Sullivan, Peckham, and Jennings), 877  
 Items, 150, 296, 444, 748, 1020

## L

- Labor, accelerated painless (Louros, Papadimitriou, and Papapostolou), 555  
   estradiol-17 $\beta$  at term and at onset of, action of (Pinto et al.), 540  
   maternal and fetal blood glucose during relationship between (Paterson, Phillips, and Wood), 938  
   pattern in multiparas, prognostic significance of (Friedman and Sachtleben), 466  
 Lactate production, placental, in toxemia of pregnancy (Ginsburg and Jeacock), 239

- Lactating women, radioactivity in breast milk of, after oral administration of <sup>3</sup>H-norethynodrel (Laumas et al.), 411 (Current investigation)  
 Lactation, cancer of breast in pregnancy and during (Haagensen), 141 (Current development)  
 Lichen sclerosus et atrophicus of vulva, <sup>131</sup>I uptake in (Kaufman, Gardner, and Johnson), 312  
 Linear accelerator in treatment of cervical cancer (McLennan, McLennan, and Bagshaw), 675  
 Lipid globules in cells exfoliated from gynecologic carcinomas, secondary fluorescence of (Montanari), 581 (Comm. in brief)  
 Lippes loop, effect of on human myometrial activity (Bengtsson and Moawad), 957  
 Lunar periodicity with reference to live births (Menaker), 1002 (Pertinent comments)  
 Luteinizing hormone (LH), human pituitary, and human chorionic gonadotropin (HCG), radioimmunoassay method for, using <sup>125</sup>I-labeled LH (Aono et al.), 996 (Current investigation)

## M

- Malignancy, breast, thermography, detection of (Hoffman), 681  
 Manual exploration of uterus, routine postpartum (Schaupp), 631  
 Maternal death associated with premature rupture of membranes (Webb), 594  
 Maturation index, estimated and actual, comparison of (Gillespie and Gillespie), 40  
 Meconium, amniotic fluid and, infusion of, into monkeys, failure to produce syndrome of amniotic fluid embolism by (Stolte et al.), 694 (Current investigation)  
 Meeting, annual, American Geriatric Society, 150 (Items)  
   of National Association of Iranian Gynecologists and Obstetricians, 150 (Items)  
 Membranes, amnion and chorion, human, permeability of (Barton and Baker), 562  
   artificial rupture of, and uterine activity (Gaafer, El-Sahwi, and Topozada), 913  
   premature rupture of, maternal death associated with (Webb), 594  
 Menopausal gonadotropins, human, for anovulation and sterility (Rabau et al.), 92  
 Menstrual cycle, normal (Moawad and Bengtsson), 1057  
 Metabolism, estrogen, in polycystic ovary syndrome (Barlow and Logan), 687 (Current investigation)  
   glucose, altered, in pregnancy (Graves, Neff, and Mark), 602  
   of human cervical tissues (Kury, Rev-Kury, and Friedell), 767  
   placental, effect of endotoxin on (Czeizel et al.), 1129  
   and production rate of estradiol-17 $\beta$  in premenopausal women with cervical carcinoma (Fraser et al.), 509  
 Methotrexate, use of, in treatment of trophoblastic diseases, especially choriocarcinoma (Wei and Ouyang), 79  
 Metreurynter-induced abortions at midpregnancy, oxytocin sensitivity and effects of estrogen and progesterone on (Nishimura and Manabe), 1087  
 Metronidazole, resistance of *Trichomonas vaginalis* to (Diddle), 583 (Comm. in brief)  
 Midpregnancy, metreurynter-induced abortions at, oxytocin sensitivity and effects of estrogen and progesterone on (Nishimura and Manabe), 1087  
 Mortality, perinatal, parental smoking and (Comstock and Lundin), 708 (Pertinent comments)  
 Motility patterns of nonpregnant human uterus, in vivo studies of (Moawad and Bengtsson), 1057  
 Mucinous adenocarcinoma of urachus in women (Howell and Diddle), 585 (Comm. in brief)  
 (Mucoviscidosis) cystic fibrosis, and diabetes mellitus, pregnancy in patient with (Plotz, Patterson, and Streit), 1105

- Mucus, endocervical, comparative bacteriology of (Hok, Loen, and Tjia), 781
- Multiparas, labor pattern in, prognostic significance of (Friedman and Sachtleben), 466
- Myometrial activity in early puerperium, spontaneous and pharmacologically induced disruption of (Moawad and Hendricks), 1091
- human, effect of Lippe's loop on (Bengtsson and Moawad), 957
- Myometrium, human, mechanism of action of progesterone on (Wagatsuma, Sullivan, and Kumar), 1050
- in vitro progesterone effects on potassium flux in (Wagatsuma, Sullivan, and Kumar), 1050
- plasminogen activator content of, in nonpregnant, pregnant, and parturient women (Uszyńska-Folejewska), 825
- in uterine body and lower segment, effect of progesterone on oxytocin-induced contraction of three separate layers of human gestational (Pinto, Lerner, and Pontelli), 547

# N

- Negative pressure (suction evacuation), evacuation of gravid uterus by (Peretz et al.), 18
- Neoplasia, cervical intraepithelial, DNA content of, studied by two-wavelength Feulgen cytophotometry (Wilbanks, Richart, and Terner), 792
- Neoplasms, trophoblastic, nonmetastatic gestational, primary chemotherapy for (Hammond et al.), 71
- Nervous system, central, and disorders of ovulation in women (Rothchild), 719 (Current developments)
- Newborn, hemolytic disease of, placenta in cases of (Wentworth), 283
- Nonmetastatic gestational trophoblastic neoplasms, primary chemotherapy for (Hammond et al.), 71
- Nurse-midwife as mediator of contraception (Beasley), 201
- Nurse-Midwifery, American College of, annual convention, 296 (Items)

# O

- Obstetrics, analgesia in (Filler, Hall, and Filler), 832
- clinical, etiology in (Kimball), 616
- O'Connor-O'Sullivan retractor, modified, for pelvic surgery (Hammond), 886 (Comm. in brief)
- Oligospermia, effect of clomiphene citrate on (Mroueh, Lytton, and Kase), 1033
- Oral contraceptives, control of postpartum breast engorgement with (Booker and Pahl), 1099
- patient acceptance of, —private patient (Wallach, Watson, and Garcia), 1071
- syndrome of anovulation following use of (Dodek and Kotz), 1065
- therapy, transaminase activity during, 2 hour sulfo-bromophthalein retention test and (Larsson-Cohn), 188
- Organic heart disease (Niswander et al.), 871
- Osmotic gradients, water transfer across human amnion in response to (Seeds), 568
- Ovarian cancer, routine use of radiogold following operation for (Moore and Langley), 624
- carcinoma, management of (Burns et al.), 374
- Ovaries, human, histochemical studies of steroid  $\beta$ -ol dehydrogenases of (Taki et al.), 107
- of nonpregnant women, histochemical study of interstitial gland tissue in (Guraya), 99
- Ovary, polycystic, syndrome, estrogen metabolism in (Barlow and Logan), 687 (Current investigation)
- Schistosoma mansoni of (Bahary, Ovadia, and Neri), 290 (Comm. in brief)
- Ovulation, disorders of, in women, central nervous system and (Rothchild), 719 (Current developments)
- Oxygen administration to mother, effects on fetal heart rate and fetal  $pO_2$  of (Althabe et al.), 858
- transfer, placental, dynamics of (Kirschbaum et al.), 429 (Current developments)

- Oxytocin, antibody to (Gusdon), 526
- induced contraction of three separate layers of human gestational myometrium in uterine body and lower segment, effect of progesterone on (Pinto, Lerner, and Pontelli), 547
- and papaverine, transfer and use of glucose in human placenta during in vitro perfusion and associated effects of (Howard and Krantz), 445
- sensitivity and effects of estrogen and progesterone on metreurynter-induced abortions at midpregnancy (Nishimura and Manabe), 1087

# P

- $P_{82}$  uptake in lichen sclerosus et atrophicus of vulva (Kaufman, Gardner, and Johnson), 312
- Pacific Coast Obstetrical and Gynecological Society, transactions of thirty-third annual meeting, 587-686
- Paget's disease of vulva associated with adenocarcinoma developing in hidradenoma papilliferum (Weilburg, Miller, and Von Pohle), 294 (Comm. in brief)
- Painless labor, accelerated (Louron, Papadimitriou, and Papapostolou), 555
- Papanicolaou smear, suspicious, during pregnancy, impact of (Rogers and Williams), 488
- Papaverine, oxytocin and, transfer and use of glucose in human placenta during in vitro perfusion and associated effects of (Howard and Krantz), 445
- Parturition, failure of initiation of, after coagulation of pituitary of fetal lamb (Liggins, Kennedy, and Holm), 1080
- Patency, tubal, examination for, method for easy combination of several methods of (Konno), 976
- Pelvic abscess, aggressive management of (Kaplan, Jacobs, and Ehresman), 482
- retroperitoneal fibrosis with response to prednisolone (Rust and Maas), 654
- surgery, modified O'Connor-O'Sullivan retractor for (Hammond), 886 (Comm. in brief)
- Pelvis, diseases of, ultrasound as diagnostic aid in (Thompson et al.), 472
- Percutaneous selective catheterization of hypogastric artery and of its branches (Onnis et al.), 966
- Perforation, uterine, with intrauterine contraceptive devices (Burnhill and Birnberg), 135 (Pertinent comments)
- Perinatal mortality, parental smoking and (Comstock and Lundin), 708 (Pertinent comments)
- Periodicity, lunar, with reference to live births (Menaker), 1002 (Pertinent comments)
- Perivillous fibrin deposition in human placenta (Fox), 245
- Permeability of human amnion and chorion membranes (Barton and Baker), 562
- Pertinent comments, 128-134, 698-718, 1002-1012
- 6-Phosphogluconate dehydrogenase determinations, detection of preinvasive and early invasive cancer by (Kolstad et al.), 804
- test of vaginal fluid, technical modifications of (Sanner et al.), 800
- Pituitary of fetal lamb, failure of initiation of parturition after electrocoagulation of (Liggins, Kennedy, and Holm), 1080
- luteinizing hormone (LH) and human chorionic gonadotropin (HCG), radioimmunoassay method for, using  $^{125}I$ -labeled LH (Aono et al.), 996 (Current investigation)
- Placenta in cases of hemolytic disease of newborn (Wentworth), 283
- human, perivillous fibrin deposition in (Fox), 245
- transfer and use of glucose in, during in vitro perfusion and associated effects of oxytocin and papaverine (Howard and Krantz), 445
- 2 weeks after fetal death, light and electron microscopic observations on (Davies and Glasser), 1111

- Placental circulations, fetal and maternal (Ramsey, Martin, and Donner), 419 (Current investigation)
- dehydrogenases, electrophoretic studies of (Van Bogaert, De Peretti, and Villee), 919
- function, heat-stable alkaline phosphatase as index (Messer), 459
- lactate production in toxemia of pregnancy (Ginsburg and Jeacock), 239
- metabolism, effect of endotoxin on (Czeizel et al.), 1129
- oxygen transfer, dynamics of (Kirschbaum et al.), 429 (Current developments)
- transfer of iron (McLaurin and Cotter), 931
- Plasminogen activator content of myometrium in nonpregnant, pregnant, and parturient women (Uszyński and Uszyńska-Folejewska), 825
- Pneumothorax, bilateral spontaneous, in newborn (Ravin and Laandesman), 1152 (Comm. in brief)
- pO<sub>2</sub>, fetal, effects on fetal heart rate and, of oxygen administration to mother (Althabe et al.), 858
- Polycystic ovary syndrome, estrogen metabolism in (Barlow and Logan), 687 (Current investigation)
- Postpartum breast engorgement, control of, with oral contraceptives (Booker and Pahl), 1099
- manual exploration of uterus, routine (Schaupp), 631
- Potassium flux in human myometrium, in vitro progesterone effects on (Wagatsuma, Sullivan, and Kumar), 1050
- Prednisolone, pelvic retroperitoneal fibrosis with response to (Rust and Maas), 654
- Pregnancy, altered glucose metabolism in (Graves, Neff, and Mark), 602
- autoimmune hemolytic anemia of cold antibody type associated with (Quinlivan and Goldberg), 1102
- blood volume during (Lund and Donovan), 393
- cancer of breast in, and during lactation (Haagensen), 141 (Current developments)
- cervical epithelial atypia of, follow-up study (Zilahi, Nemes, and Bikkal), 1154
- complications of, fetal survival with premature delivery in (Dignam), 587
- deaths, illegitimate, criminal abortion deaths, and suicides in pregnancy (Barno), 356
- effect of, on thymolymphatic system (Nelson et al.), 895
- heartburn in, reflux esophagitis as cause (Castro), 1
- hypertension, urine white-cell excretion and pyrogen test in (McFadyen and McCallum), 234
- invasive carcinoma of cervix during (Ulfelder, Smith, and Costello), 424 (Clinical problems)
- in patient with cystic fibrosis (mucoviscidosis) and diabetes mellitus (Plotz, Patterson, and Streit), 1105
- pyelonephritis in, treatment of (Hibbard et al.), 609
- suicides in, criminal abortion deaths, illegitimate pregnancy deaths, and (Barno), 356
- suspicious Papanicolaou smear during, impact of (Rogers and Williams), 488
- testing, immunologic, daily, of initially nonpregnant women (Morris and Udry), 1148 (Comm. in brief)
- therapeutic termination of, current trends in (Rovinsky and Ginsberg), 11
- toxemia of, late, urinary dehydroepiandrosterone in (Kotásek et al.), 229
- placental lactate production in (Ginsburg and Jeacock), 239
- triiodothyronine in (Abbott, Kantor, and Rember), 818
- urinary estril in, accurate method for determination of (Jaffe and Levitz), 992 (Current investigation)
- Pregnanediol determinations, urinary, simplified gas chromatographic method for large numbers of (Goldzieher et al.), 759
- Premature delivery, fetal survival with, in complications of pregnancy (Dignam), 587
- rupture of membranes, maternal death associated with (Webb), 594
- Premenopausal women with cervical carcinoma, metabolism and production rate of estradiol-17 $\beta$  in (Fraser et al.), 509
- Prenatal prediction of condition of infant at birth (Apgar rating) (Larks, Webster, and Larks), 52
- transfusion, amniocentesis for (Mandelbaum, Pontarelli, and Brushenko), 1140
- Preoperative radiation therapy, value of, in Stage I carcinoma of uterine corpus (Nolan, Dorrough, and Anson), 663
- Preparation for childbirth, psychosomatic methods for (Chertok), 698 (Pertinent comments)
- Presentation, breech, in primigravida (Patterson, Mulliniks, and Schreier), 404
- at term, prognostic index for vaginal delivery in (Zatuchni and Andros), 854
- Pressure, elevated arterial, effect of hypovolemia and, on circulatory dynamics of pregnant animals (Douglas et al.), 889
- Primigravida, breech presentation in (Patterson, Mulliniks, and Schreier), 404
- Production rate of estradiol-17 $\beta$ , metabolism and, in premenopausal women with cervical carcinoma (Fraser et al.), 509
- Progesterone administration, exogenous HCG, estrogen, and changes in intact rat after (Nelson et al.), 895
- effect of, on oxytocin-induced contraction of three separate layers of human gestational myometrium in uterine body and lower segment (Pinto, Lerner, and Pontelli), 547
- in vitro, on potassium flux in human myometrium (Wagatsuma, Sullivan, and Kumar), 1050
- estrogen and, absorption of, by intrauterine devices (Taubert and Segal), 126 (Current investigation)
- effects of, oxytocin sensitivity and, on metureuter-induced abortions at midpregnancy (Nishimura and Manabe), 1087
- mechanism of action of, on human myometrium (Wagatsuma, Sullivan, and Kumar), 1050
- Prognostic index for vaginal delivery in breech presentation at term (Zatuchni and Andros), 854
- Protein concentrations, amino nitrogen and, in rabbit blastocyst fluid, relationship between (Lesinski, Jajszczak, and Choroszewska), 48
- Psychiatric implications of therapeutic abortion (Kretzschmar and Norris), 368
- Psychosomatic methods of preparation for childbirth (Chertok), 698
- Puerperium, early, spontaneous and pharmacologically induced disruption of myometrial activity in (Moawad and Hendricks), 1091
- Pulse, comparison of uterine, upper vaginal, lower vaginal, and digital (Bercovici and Palti), 414 (Current investigation)
- Pyelonephritis in pregnancy, treatment of (Hibbard et al.), 609
- Pyrogen test, urine white-cell excretion and, in pregnancy hypertension (McFadyen and McCallum), 234

## R

- Radiation therapy, preoperative, value of, in Stage I carcinoma of uterine corpus (Nolan, Dorrough, and Anson), 663
- Radioactivity in breast milk of lactating women after oral administration of <sup>3</sup>H-norethynodrel (Laumas et al.), 411 (Current investigation)
- Radiogold, routine use of, following operation for ovarian cancer (Moore and Langley), 624
- Radioimmunoassay method for human pituitary luteinizing hormone (LH) and human chorionic gonadotropin (HCG) using <sup>125</sup>I-labeled LH (Aono et al.), 996 (Current investigation)
- Response, heart rate, of human fetus to induced maternal hypoxia (Copher and Huber), 320

- Retractor, modified O'Connor-O'Sullivan, for pelvic surgery (Hammond), 886 (Comm. in brief)  
Retroperitoneal fibrosis, pelvic, with response to prednisolone (Rust and Maas), 634  
Rh isoimmunization (Sullivan, Peckham, and Jennings), 877  
Road ahead (Keettel), 297 (Presidential address)  
Rupture of membranes, artificial, and uterine activity (Gaafar, El-Sahwi, and Topozada), 913  
premature, maternal death associated with (Webb), 594

# S

- Saf-T-Coil, preliminary experience with (Seymour), 1150 (Comm. in brief)  
Schistosoma mansoni of ovary (Bahary, Ovdadia, and Neri), 290 (Comm. in brief)  
Schistosomiasis of uterine cervix due to *S. haematobium*, pathology of (Williams), 784  
Secretions, hormonal, action of clomiphene on (Ancla and de Brux), 1043  
Septicemia, fetal *Candida*, developing after hysterectomy and transfusion (Goldman, Eckerling, and Bassat), 885 (Comm. in brief)  
*S. haematobium*, pathology of schistosomiasis of uterine cervix due to (Williams), 784  
Single-dose caudal anesthesia (Fernandez-Sepulveda and Gomez-Rogers), 847  
Skin homograft survival, human chorionic gonadotropin and (Pearse and Kaiman), 572 (Current investigation)  
Smear, Papanicolaou, suspicious, during pregnancy, impact of (Rogers and Williams), 488  
Smoking, parental, and perinatal mortality (Comstock and Lundin), 708 (Pertinent comments)  
Southeastern Regional Center for Trophoblastic Neoplasms, 150 (Items)  
Spontaneous pneumothorax, bilateral, in newborn (Ravin and Landesman), 1152 (Comm. in brief)  
Squamous cell carcinomas, multicentric, of lower genital tract (Hansen and Collins), 982  
Stage I carcinoma of uterine corpus, value of preoperative radiation therapy in (Nolan, Dorrough, and Anson), 663  
Staphylococcal alpha toxins, influence of, on transport and development of fertilized eggs in rabbits (Lesinski, Jajszczak, and Wnuk), 44  
Stein-Leventhal syndrome and other anovulatory states, urinary gonadotropin-inhibiting substance in (Fogel and Soffer), 85  
Sterility, anovulation and, human menopausal gonadotropins for (Rabau et al.), 92  
Steroid hormones, role of, in etiology and pathogenesis of cancer (Hertz), 1013 (Current developments)  
 $\beta$ -ol dehydrogenases of human ovaries, histochemical studies of (Taki et al.), 107  
Striae, Rohr, Nitabuch, and Langhans—intervillous fibrin deposition (Bădăraș and Gavrilă), 252  
Suicides in pregnancy, criminal abortion deaths, illegitimate pregnancy deaths, and (Barno), 356  
Sulfobromophthalein retention test, 2 hour, and transaminase activity during oral contraceptive therapy (Larsson-Cohn), 188  
Surgery, pelvic, modified O'Connor-O'Sullivan retractor for (Hammond), 886 (Comm. in brief)  
Surgical training, basic, of gynecologist-obstetrician (Stevenson and Hodgkinson), 387  
Syndrome of amniotic fluid embolism, failure to produce, by infusion of amniotic fluid and meconium into monkeys (Stolte et al.), 694 (Current investigation)  
of anovulation following use of contraceptives (Dodek and Kotz), 1065  
Stein-Leventhal, and other anovulatory states, urinary gonadotropin-inhibiting substance in (Fogel and Soffer), 85

# T

- Termination of pregnancy, therapeutic, current trends in (Rovinsky and Gusberg), 11  
Therapeutic abortion, psychiatric implications of (Kretschmar and Norris), 368  
Thermography in detection of breast malignancy (Hoffman), 681  
Thymolymphatic system, effect of pregnancy on (Nelson et al.), 895  
Tissue culture study of abnormal trophoblast (Wei and Chiang), 1144 (Current investigation)  
human cervical, metabolism of (Kury, Rev-Kury, and Friedell), 767  
Toxemia of pregnancy, late, urinary dehydroepiandrosterone in (Kotásek et al.), 229  
placental lactate production in (Ginsburg and Jeacock), 239  
Toxins, staphylococcal alpha, influence of, on transport and development of fertilized eggs in rabbits (Lesinski, Jajszczak, and Wnuk), 44  
Training, basic surgical, of gynecologist-obstetrician (Stevenson and Hodgkinson), 387  
program in community obstetrics and gynecology, 296 (Items)  
Transactions of thirty-fourth annual meeting of Central Association of Obstetricians and Gynecologists, 297-410, 445-508  
thirty-third annual meeting of Pacific Coast Obstetrical and Gynecological Society, 587-686  
Transaminase activity during oral contraceptive therapy, 2 hour sulfobromophthalein retention test and (Larsson-Cohn), 188  
Transfer, placental, of iron (McLaurin and Cotter), 931  
water, across human amnion in response to osmotic gradients (Seeds), 568  
Transfusion, hysterectomy and, fetal *Candida* septicemia developing after (Goldman, Eckerling, and Bassat), 885 (Comm. in brief)  
intrauterine fetal, for management of erythroblastosis (Cherry and Rosenfield), 275  
prenatal, amniocentesis for (Mandelbaum, Pontarelli, and Brushenko), 1140  
Trichomonas vaginalis: Resistance to metronidazole (Diddle), 583 (Comm. in brief)  
Trichomoniasis therapy, dyskaryosis in cervical cytology and relationship to (Hulka and Hulka), 180  
Triiodothyronine in pregnancy (Abbott, Kantor, and Rember), 818  
Trophoblastic diseases, especially choriocarcinoma, methotrexate in treatment of, use of (Wei and Ouyang), 79  
neoplasms, nonmetastatic gestational, primary chemotherapy for (Hammond et al.), 71  
Tubal epithelium, "indifferent" cell of, role of (Pauerstein and Woodruff), 121  
patency, examination for, method for easy combination of several methods of (Konno), 976  
Twin births, incidence of, among Chinese in Taiwan (Wei and Lin), 881

# U

- Ultrasound diagnostic aid in diseases of pelvis (Thompson et al.), 472  
Umbilical cord, human, arterial and venous pressures in (Malpas and Symonds), 261  
Uptake,  $P_{50}$ , in lichen sclerosus et atrophicus of vulva (Kaufman, Gardner, and Johnson), 312  
Urachus, mucinous adenocarcinoma of, in women (Howell and Diddle), 585 (Comm. in brief)  
Ureteral orifice, ectopic, presenting with vaginal discharge (Stabinsky and Tager), 582 (Comm. in brief)  
Urinary bladder and uterine activity (Topozada, Gaafar, and El-Sahwi), 904

- dehydroepiandrosterone in late toxemia of pregnancy (Kotásek et al.), 229
- estriol in pregnancy, accurate method for determination of (Jaffe and Levitz), 992 (Current investigation)
- gonadotropin-inhibiting substance in Stein-Leventhal syndrome and other anovulatory states (Fogel and Soffer), 85
- pregnadiol determinations, simplified gas chromatographic method for large numbers of (Goldzieher et al.), 759
- Urine, chorionic gonadotropin in, accuracy of passive hemagglutination inhibition method for determination (Bonsnes and Marney), 208
- white-cell excretion and pyrogen test in pregnancy hypertension (McFadyen and McCallum), 234
- Uterine activity, artificial rupture of membranes and (Gaafar, El-Sahwi, and Toppozada), 913
- new unit for evaluation of (El-Sahwi, Gaafar, and Toppozada), 900
- urinary bladder and (Toppozada, Gaafar, and El-Sahwi), 904
- body and lower segment, effect of progesterone on oxytocin-induced contraction of three separate layers of human gestational myometrium in (Pinto, Lerner, and Pontelli), 547
- cervix, pathology of schistosomiasis of, due to *S. haematobium* (Williams), 784
- contractility induced by artificial cervical dilatation, effect of atropine on (Schwarz et al.), 577 (Current investigation)
- corpus, Stage I carcinoma of, value of preoperative radiation therapy in (Nolan, Dorough, and Anson), 663
- epidermoid carcinomas, induction in rats of, by plastic and stainless steel intrauterine devices (Corfman and Richart), 987 (Current investigation)
- perforation with intrauterine devices (Burchell and Birnberg), 135 (Pertinent comments)
- Uterus and Fallopian tubes of rhesus monkeys, long-term effect of intrauterine contraceptive device on (Kar et al.), 194
- gravid, evacuation of, by negative pressure (suction evacuation) (Peretz et al.), 18
- nonpregnant human, in vivo studies of motility patterns of (Moawad and Bengtsson), 1057
- routine postpartum manual exploration of (Schaupp), 631

## V

- Vacuum extraction (Orcutt), 638
- extractor, evaluation of, in series of 201 cases (Wider, Erez, and Steer), 24
- forceps and (Editorial comment), 23
- delivery by, comparative study (Schenker and Serr), 32
- Vaginal delivery in breech presentation at term, prognostic index for (Zatuchni and Andros), 854
- discharge, ectopic ureteral orifice presenting with (Stabinsky and Tager), 582 (Comm. in brief)
- fluid, 6-phosphogluconate dehydrogenase test of, technical modifications of (Sanner et al.), 800
- Venous pressures, arterial and, in human umbilical cord (Malpas and Symonds), 261
- Volume, blood, during pregnancy (Lund and Donovan), 393
- Vulva, lichen sclerosis et atrophicus of,  $P^{32}$  uptake in (Kaufman, Gardner, and Johnson), 312
- Paget's disease of, associated with adenocarcinoma developing in hidradenoma papilliferum (Weilburg, Miller, and Von Pohle), 294 (Comm. in brief)

## W

- Water transfer across human amnion in response to osmotic gradients (Seeds), 568
- Weight, fetal, estimation of, in utero by simple external palpation (Insler et al.), 292 (Comm. in brief)
- White-cell excretion, urine, and pyrogen test in pregnancy hypertension (McFadyen and McCallum), 234







# Index to volume 99

## Author index\*

### A

- ABAD, RAINERIO S. (*see* GRAHAM AND ABAD), 409
- AHLQUIST, RAYMOND P. (*see* ZUSPAN, NELSON, AND AHLQUIST), 709
- ALADJEM, SILVIO, Morphologic aspects of the placenta in gestational diabetes seen by phase-contrast microscopy, 341
- , The syncytial knot: A sign of active syncytial proliferation, 350
- ALLEN, S. THOMAS, DUBNER, MARTIN S., AND MOCKLER, NEDD D., Routine prenatal screening for atypical antibodies, 274
- ALLEN, W. M. (*see* MIKHAIL AND ALLEN), 308
- ANDERSEN, THORKILD W. (*see* STENGER ET AL.), 690
- ANDERSON, STEPHEN G. (*see* GRIESS ET AL.), 1067
- (*see* GRIESS ET AL.), 1073
- AND LINTON, EUGENE B., The diagnostic accuracy of cervical biopsy and cervical conization, 113
- ANSBACHER, RUDI, BOYSON, WILLIAM A., AND MORRIS, JOHN A., Sterility of the uterine cavity, 394
- ARELLANO, CESAR VIVAR (*see* MATEOS-CANDANO ET AL.), 291 (Comm. in brief)
- ARIAS-BERNAL, LUIS, AND JONES, HOWARD W., JR., An anencephalic male with XX sex chromosome complement, 877 (Comm. in brief)
- ASSALI, N. S. (*see* VAUGHN ET AL.), 208
- ATKIN, N. B., BAKER, MARION C., AND WILSON, SANDRA, Stem-line karyotypes of 4 carcinomas of the cervix uteri, 506
- AZAR, HENRY A. (*see* ILIYA AND AZAR), 515

### B

- BAGGISH, MICHAEL S., PAUERSTEIN, CARL J., AND WOODRUFF, J. DONALD, Role of stroma in regeneration of endometrial epithelium, 459
- BAKER, GEORGE L. (*see* OWEN ET AL.), 368
- BAKER, MARION C. (*see* ATKIN, BAKER, AND WILSON), 506
- BARKER, KENNETH L. (*see* WARREN AND BARKER), 198
- BARNES, LLOYD W. (*see* ROWLEY AND BARNES), 878 (Comm. in brief)
- BARR, MURRAY L. CARR, DAVID H., PLUNKETT, EARL R., SOLTAN, HUBERT C., AND WIENS, RUTH G., Male pseudohermaphroditism and pure gonadal dysgenesis in sisters, 1047
- BARSAMIAN, MISAK (*see* COPENHAVER AND BARSAMIAN), 864
- BARTER, ROBERT H. (*see* JACOBSON AND BARTER), 796
- BARTHOLOMEW, R. A. (*see* GALLOWAY ET AL.), 975
- BARTUSKA, DORIS G., ESKIN, BERNARD A., SMITH, ELEANOR M., DACOU, CATHERINE, AND DRATMAN, MARY B., Brain damage, hypertrichosis, and polycystic ovaries, 387
- BASSETT, M. (*see* TWOMBLY ET AL.), 785
- BAWDEN, J. W., AND WOLKOFF, A. S., Fetal blood calcium responses to maternal calcium infusion in sheep, 55

- BECK, PAUL, AND BIRNBAUM, STANLEY J., Thermographic and hormonal studies of the placenta in abdominal pregnancy, 29
- BIERRING, FRANZ (*see* LARSEN, EHLMANN, AND BIERRING), 1109
- BENIRSCHKE, KURT (*see* RUFFOLO ET AL.), 1147
- BEHN, BORGHILD G. (*see* TRELOAR, BEHN, AND COWAN), 34
- BENTYN, K. (*see* LESINSKI ET AL.), 280
- BERGSTRÖM, H., NILSSON, L.-A., NILSSON, L., AND RYTTINGER, L., Demonstration of Rh antigens in a 38-day-old fetus, 130 (Current investigation)
- BERSANTES, T. (*see* VAUGHN ET AL.), 208
- BIRNBAUM, STANLEY J. (*see* BECK AND BIRNBAUM), 29
- BISHOP, EDWARD H., WEBER, LENNARD L., AND ISRAEL S. LEON, Intrauterine transfusion, 615
- BLANCHARD, MARY E., Endometrial carcinoma arising in an ovarian endometrioma, 908
- BLECHNER, JACK N., STENGER, VINCENT G., EITZMAN, DONALD V., AND PRYSTOWSKY, HARRY, Effects of maternal metabolic acidosis on the human fetus and newborn infant, 46
- (*see* COTTER, BLECHNER, AND PRYSTOWSKY), 1
- (*see* STENGER ET AL.), 690
- BOARD, JOHN A. (*see* NICHOLLS AND BOARD), 829
- BOWER, JOEL F., AND ERICKSON, E. RALPH, Bilateral ovarian fibromas in a 5-year-old, 880 (Comm. in brief)
- BOYSON, WILLIAM A. (*see* ANSBACHER, BOYSON, AND MORRIS), 394
- BRADEN, BARBARA F. (*see* MERRILL ET AL.), 216
- BRADLEY, EDWIN M. (*see* LECOCQ, BRADLEY, AND GOLDZIEHER), 374
- BRET, ANDRÉ-JULES, AND COIFFARD, PIERRE, Changes in hormonal excretion under clomiphene treatment, 91
- BROCKUNIER, ALFRED, JR. (*see* CAHAN AND BROCKUNIER), 138 (Current developments)
- BROWN, JOHN M., MALKASIAN, GEORGE D., JR., AND SYMONDS, RICHARD E., Abdominal myomectomy, 126
- BUTSCH, DAVID W. (*see* SIMMONS ET AL.), 266

### C

- CAHAN, WILLIAM G., AND BROCKUNIER, ALFRED, JR., Cryosurgery of the uterine cavity, 138 (Current developments)
- CAILLETEAU, JANICE (*see* CASSADY ET AL.), 284
- CANLAS, MARIO (*see* LITONJUA ET AL.), 242
- CANTON, JOHN N., Electronic cystometry for differentiating between types of urinary incontinence, 401
- CARLSON, K. L. (*see* SPELLACY, CARLSON, AND SCHADE), 382
- CARPENTER, C. W., Urinary estrogen excretion in the puerperium, 303
- CARPENTER, ROBERT J., JR. (*see* ZUSSMAN, FORBES, AND CARPENTER), 99
- CARR, CAROLE A. (*see* PARRISH ET AL.), 155
- CARR, DAVID H. (*see* BARR ET AL.), 1047

\*September 1, 1-154; September 15, 155-294; October 1, 295-458; October 15, 459-598; November 1, 599-744; November 15, 745-884; December 1, 885-1046; December 15, 1047-1184.

- CARTER, F. BAYARD (*see* PARKER ET AL.), 933
- CASPER, DONALD J., AND GUTTMACHER, ALAN F., Combined abdominal and vaginal delivery of twins, 1020 (Clinical problems)
- CASSADY, GEORGE, CAILLETEAU, JANICE, LOCKARD, DUDLEY, AND MILSTEAD, RACHEL, The hazard of fetal-maternal transfusion after transabdominal amniocentesis, 284
- CAUBLE, W. G., A new modified Graves speculum for examining patients in bed, 598 (Comm. in brief)
- CAVAZOS, FILIBERTO, GREEN, JAMES A., HALL, DAVID G., AND LUCAS, FRED V., Ultrastructure of the human endometrial glandular cell during the menstrual cycle, 833
- CEHELSEY, MICHAEL, AND MASON, VAUGHAN C., Anterior sacculation of the pregnant uterus at term, 1003
- CESTARIC, EDWARD (*see* STENGER ET AL.), 690
- CHATIM, A. (*see* HOK ET AL.), 397
- CHATTORAJ, SATI C. (*see* SCOMMEGNA AND CHATTORAJ), 1087
- CLAIBORNE, HERBERT A., JR., AND SCHELIN, ERIC, Rupture of the gravid uterus, 900
- CLARK, KEMP (*see* WATT, CLARK, AND MCCONNELL), 289 (Comm. in brief)
- COBBS, C. GLENN, STRICKLER, JAMES G., MCGOVERN, JOHN H., AND KAYE, DONALD, The postpartum renal status of women with untreated asymptomatic bacteriuria during pregnancy, 221
- COIFFARD, PIERRE (*see* BRET AND COIFFARD), 91
- COLEMAN, LAVERNE C. (*see* NELSON, KENIMER, AND JONES), 262
- COLMORE, JOHN P. (*see* MERRILL ET AL.), 216
- COLVIN, E. D. (*see* GALLOWAY ET AL.), 975
- CONNOR, WILLIAM E. (*see* OWEN ET AL.), 368
- CONRAD, JOHN T. (*see* MOSSMAN AND CONRAD), 539
- COOKE, W. A. R., Evaluation of the midforceps operation, 327
- COOPERMAN, JACK M. (*see* STONE ET AL.), 638
- COOPERSMITH, BERNARD (*see* DILTS, COOPERSMITH, AND SWEITZER), 293 (Comm. in brief)
- COPENHAVER, EDWARD H., AND BARSAMIAN, MISAK, Management of Stage I adenocarcinoma of the endometrium, 864
- COSMI, E. V. (*see* INGIULLA AND COSMI), 1078  
— (*see* INGIULLA AND COSMI), 1083
- COTTER, JULIAN R., BLECHNER, JACK N., AND PRYSTOWSKY, HARRY, Observations on pregnancy at altitude. I. The respiratory gases in maternal arterial and uterine venous blood, 1
- COVINGTON, HENRY I. (*see* RUFFOLO ET AL.), 1147
- COWAN, DONALD W. (*see* TRELOAR, BEHN, AND COWAN), 34
- CREASMAN, WILLIAM T., Back and hip pain in pregnancy due to chordoma, 1165 (Comm. in brief)
- CROMB, ELLEN (*see* HELLMAN ET AL.), 662

## D

- DACOU, CATHERINE (*see* BARTUSKA ET AL.), 387
- DELAHUNT, C. S., AND RIESER, N., Rubella-induced embryopathies in monkeys, 580
- DEL VALLE, GUILLERMO ROCHA (*see* MATEOS-CANDANO ET AL.), 291 (Comm. in brief)
- DESHAN, PRESTON W. (*see* MERRILL ET AL.), 216
- DEWAN, EDMOND M., On the possibility of a perfect rhythm method of birth control by periodic light stimulation, 1016
- DEWBERRY, JAMES W. (*see* NELSON, KENIMER, AND DEWBERRY), 262
- DILTS, P. V., JR., COOPERSMITH, BERNARD, AND SWEITZER, CAESAR, Perforated peptic ulcer in pregnancy, 293 (Comm. in brief)

- DOCKERTY, MALCOLM B. (*see* SHELDON, WILSON, AND DOCKERTY), 882 (Comm. in brief)
- DONEGAN, WILLIAM L. (*see* SPRATT, DONEGAN, AND RAFF), 417
- DONOVAN, JOHN C. (*see* LUND AND DONOVAN), 683
- DOUGLAS, BEN H., AND HUME, ARTHUR S., Placental transfer of imipramine, a basic, lipid-soluble drug, 573
- DRATMAN, MARY B. (*see* BARTUSKA ET AL.), 387
- DUBNER, MARTIN S. (*see* ALLEN, DUBNER, AND MOCKLER), 274
- DUNNIHOOD, DALE R. (*see* HARRIS AND DUNNIHOOD), 237

## E

- EARN, A. A., An appraisal of Malmström's vacuum-tractor (vacuum extractor), 732 (Current development)
- EASTERLING, WILLIAM E., JR. (*see* TALBERT AND EASTERLING), 923
- EDWARDS, MILES J. (*see* NOVY AND EDWARDS), 1024 (Current developments)
- EHRMANN, ROBERT L. (*see* LARSEN, EHRMAN, AND BIERING), 1109
- EITZMAN, DONALD V. (*see* BLECHNER ET AL.), 46  
— (*see* STENGER ET AL.), 690
- ELAHI, E. HAKIM, LONG, MARGARET E., FRICK, HENRY CLAY, II, AND SOMMERS, SHELDON C., Long-term survival in disseminated ovarian carcinoma, 522
- EREZ, SELCUK (*see* MOORE, SCHIFRIN, AND EREZ), 913
- ERICKSON, E. RALPH (*see* BOWER AND ERICKSON), 880 (Comm. in brief)
- ESKIN, BERNARD A. (*see* BARTUSKA ET AL.), 387
- EVANS, TOMMY N., The artificial vagina, 944

## F

- FEKETY, F. ROBERT, JR. (*see* HARWICK ET AL.), 725 (Current investigation)
- FELDMAN, ROBERT (*see* STONE ET AL.), 638
- FILLISTI, L. (*see* HELLMAN ET AL.), 662
- FISH, J. S. (*see* GALLOWAY ET AL.), 975
- FOLK, ROBERT L. (*see* WIELAND ET AL.), 489
- FORBES, DONALD A. (*see* ZUSSMAN, FORBES, AND CARPENTER), 99
- FRANKLIN, R. R. (*see* JING, KAUFMAN, AND FRANKLIN), 546
- FRICK, HENRY CLAY, II (*see* ELAHI ET AL.), 522
- FRIEDMAN, EMANUEL A., AND SACHTLEBEN, MARLENE R., Placental oxygen consumption in vitro. III. Oxytocin effect, 576
- FOLEY, T. H., HOLM, L. W., LONDON, D. R., AND YOUNG, MAUREEN, Preliminary observations on free amino acids in cow and calf plasma in prolonged gestation, 1106
- FOX, CLIFFORD H., Biologic behavior of dysplasia and carcinoma in situ, 960
- FUCHS, ANNA-RIITTA (*see* HEFNAWI, FUCHS, AND LAURENCE), 421  
— (*see* FUCHS ET AL.), 627
- FUCHS, FRITZ, FUCHS, ANNA-RIITTA, POBLETE, VICENTE F., JR., AND RISK, ABRAHAM, Effect of alcohol on threatened premature labor, 627
- FUNNELL, JOSEPH W. (*see* KELSO AND FUNNELL), 106

## G

- GAÁL, J. (*see* KOMÁROMY ET AL.), 79
- GALLEGOS, RAUL (*see* MASSANI ET AL.), 313
- GALLOWAY, W. H., BARTHOLOMEW, R. A., COLVIN, E. D., GRIMES, W. H., JR., FISH, J. S., AND LESTER, W. M., Premature breech delivery, 975
- GARCIA, ROGELIO F., Z-plasty for correction of congenital transverse vaginal septum, 1164 (Comm. in brief)

- GARCILAZO, JORGE A. (see GREEN, GARCILAZO, AND MAQUEO), 855
- GARDINER, J., Cervical temperature and induction of labor, 551
- GARE, D. J., WHETHAM, J. C. G., AND HENRY, J. D., The validity of fetal scalp sampling, 722 (Current investigation)
- (see PAUL, GARE, AND WHETHAM), 745
- GIBSTEIN, ALAN (see NIEMAND, GIBSTEIN, AND ROSENTHAL), 533
- GLOVER, JAMES B. (see KIRKLAND AND GLOVER), 911
- GLOWACKA, DANUTA (see JOZWIK, GLOWACKA, AND POPOWICZ), 258
- GOBBLE, FLEETUS L., JR. (see GREISS ET AL.), 1067
- (see GREISS ET AL.), 1073
- GOETSCHIEL, EMMANUEL, Evaluation of a new immunologic pregnancy slide test, 1101
- GOLDZIEHER, JOSEPH W. (see LECOCQ, BRADLEY, AND GOLDZIEHER), 374
- GORDON, MYRON (see STONE ET AL.), 638
- GOTTESFELD, KENNETH R. (see TAYLOR ET AL.), 671
- GRAHAM, CHARLES E., Mechanism of induced epidermization in the mouse uterine cervix, 470
- GRAHAM, JOHN B., AND ARAB, RAINERIO S., Ureteral obstruction due to radiation, 409
- GRAY, MARY JANE, LIPSON, RICHARD, MAECK, JOHN VAN S., PARKER, LEONARD, AND ROMEYN, DIRK, Use of hematoporphyrin derivative in detection and management of cervical cancer, 766
- GREEN, JAMES A., GARCILAZO, JORGE A., AND MAQUEO, MANUEL, Ultrastructure of the human ovary. II. The luteal cell at term, 855
- (see CAVAZOS ET AL.), 833
- GREEN, PHILIP S., Intracervical injection of hyaluronidase, 337
- GREISS, FRANK C., JR., GOBBLE, FLEETUS L., JR., ANDERSON, STEPHEN G., AND MCGUIRT, WILLIAM F., Effect of parasympathetic nerve stimulation on the uterine vascular bed, 1067
- , —, AND —, Effects of acetylcholine on the uterine vascular bed, 1073
- GRILLO, DONALD (see KILLAM, GRILLO, AND SUMMERSON), 292 (Comm. in brief)
- GRIMES, W. H., JR. (see GALLOWAY ET AL.), 975
- GUPTA, RAJ K., AND LEVINE, ALLAN J., Hyperplasia of the endometrium and Brenner's tumor in a postmenopausal woman, 290 (Comm. in brief)
- GUTTMACHER, ALAN F. (see CASPER AND GUTTMACHER), 1020 (Clinical problems)

## H

- HAHN, B. D. (see PLOTZ ET AL.), 182
- HALL, DAVID G. (see CAVAZOS ET AL.), 833
- (see PARRISH ET AL.), 155
- HALL, ROBERT E., A reappraisal of intrauterine contraceptive devices, 808
- HAMWI, GEORGE J. (see WIELAND ET AL.), 489
- HARRIS, JENNIFER A. (see WYNN AND HARRIS), 1125
- HARRIS, ROBERT E., AND DUNNHOOD, DALE R., The incidence and significance of urinary calculi in pregnancy, 237
- HARWICK, HERBERT J., IUPPA, J. BRUCE, PURCELL, ROBERT H., AND FEKETY, F. ROBERT, JR., Mycoplasma hominis septicemia associated with abortion, 725 (Current investigation)
- HAUST, M. DARIA (see VERBEKE, ROBERTSON, AND HAUST), 1136
- HEFNAWI, FOUAD, FUCHS, ANNA-RIITTA, AND LAURENCE, KENNETH A., Control of fertility by temporary occlusion of the oviducts, 421

- HELLMAN, L. M., KOBAYASHI, M., FILLISTE, L., AND LAVENHAR, M., Sources of error in sonographic fetal mensuration and estimation of growth, 662
- (see WYNN, SEVER, AND HELLMAN), 359
- HELMER, OSCAR M., AND JUDSON, WALTER E., Influence of high renin substrate levels on renin-angiotensin system in pregnancy, 9
- HENRY, J. D. (see GARE, WHETHAM, AND HENRY), 722 (Current investigation)
- HERRMANN, GEORGE, III, Cystadenofibroma of the ovary, 117
- HERRMANN, WALTER L. (see RATANASOPA ET AL.), 295
- HILL, NORMAN N., JR., Arrhenoblastoma in a 13-year-old girl, 910
- HOK, TAN THIAM, LOEN, LIEM KHE, TJAT, NJO TIONG, WIKNJONASTRO, HANIFA, AND CHATIM, A., The isolation of tubercle bacilli from endocervical mucus of infertile women, 397
- HOLM, L. W. (see FOLEY ET AL.), 1106
- HOLMES, JOSEPH H. (see TAYLOR ET AL.), 671
- HONEY, D. P., ROBSON, J. M., AND SULLIVAN, F. M., Mechanism of inhibitory action of 5-hydroxytryptamine on placental function, 250
- HORGER, RICHARD C. (see SMITH AND HORGER), 985
- HSIUNG, G. D. (see WADE, SATURNO, AND HSIUNG), 595 (Comm. in brief)
- HUME, ARTHUR S. (see DOUGLAS AND HUME), 573
- HUTCHINSON, DONALD L., MAXWELL, NED G., AND TURNER, J. HOWARD, Advantages of use of maternal erythrocytes for fetal transfusion, 702

## I

- ILIYA, FAWZI A., AND AZAR, HENRY A., Radioautographic studies in neoplasia of the uterine cervix, 515
- INGIULLA, W., AND COSMI, E. V., Pelvic exenteration for advanced carcinoma of the cervix, 1083
- AND —, Vesical, ureteral, and rectal fistulas following operation for cancer of the cervix, 1078
- ISRAEL, S. LEON (see BISHOP, WEBER, AND ISRAEL), 615
- IUPPA, J. BRUCE (see HARWICK ET AL.), 725 (Current investigation)

## J

- JACOBS, JAMES L. (see OWEN ET AL.), 368
- JACOBSON, CECIL B., AND BARTER, ROBERT H., Intrauterine diagnosis and management of genetic defects, 796
- JAFFE, ROBERT B. (see STARKMAN AND JAFFE), 1056
- JAJSZCZAK, ST. (see LESINSKI ET AL.), 280
- JAMISON, HARWIN B. (see MINTON, WHITTLESEY, AND JAMISON), 390
- JANCZARSKI, I. (see LESINSKI ET AL.), 280
- JING, BAO-JAN, KAUFMAN, R. H., AND FRANKLIN, R. R., Vaginal cytology for prediction of onset of labor, 546
- JONES, AL E. (see NELSON, KENIMER, AND JONES), 362
- JONES, GEORGEANNA SEEGAR, AND MORAES-RUEHSEN, MARIA D. DE, Clomiphene citrate for improvement of ovarian function, 814
- JONES, HOWARD W., JR. (see ARIAS-BERNAL AND JONES), 877 (Comm. in brief)
- JONES, W. R., AND PAYNE, R. B., Effect of mode of delivery on immunoglobulin G concentration in the newborn, 1160 (Current investigation)
- JOZWIK, MICHAL, GLOWACKA, DANUTA, AND POPOWICZ, JULIUSZ, Hexosamine synthesis in human placenta in vitro, 258
- JUDSON, WALTER E. (see HELMER AND JUDSON), 9



## K

- KAISER, IRWIN H., Effect of a 28 hour day on ovulation and reproduction in mice, 772
- KALTREIDER, D. FRANK, Premature labor and meperidine analgesia, 989
- KAUFMAN, R. H. (see JING, KAUFMAN, AND FRANKLIN), 546
- KAYE, DONALD (see COBBS ET AL.), 221
- KELSO, JOSEPH W., AND FUNNELL, JOSEPH W., Radical Wertheim hysterectomy, 106
- KENDALL, BENJAMIN, Abnormal fetal heart rates and rhythms prior to labor, 71
- KENIMER, BARRY K. (see NELSON, KENIMER, AND JONES), 262
- KIGHT, JOHN R., John Peter Mettauer and the first successful closure of vesicovaginal fistula in the United States, 885
- KILLAM, ALLAN P., GRILLO, DONALD, AND SUMMERSON, DONALD J., Fetal ascites complicating amniocentesis and intrauterine transfusion, 292 (Comm. in brief)
- KING, THEODORE M. (see PARRISH ET AL.), 155
- KIRKLAND, JOHN A., AND GLOVER, JAMES B., Normal intrauterine pregnancy following previous abdominal pregnancy, 911
- KIRSCHBAUM, T. H. (see VAUGHN ET AL.), 208
- KLAY, LEONARD J., SPARKES, ROBERT, AND LAGASSE, LEO D., Generalized XY/XX/XXY chromosomal mosaicism in a male hermaphrodite, 495
- KLEINER, GEORGE J., AND ROBERTS, THEOPHILUS W., Current factors in the causation of tubal pregnancy, 21
- KNOCH, M. H., A new intrauterine contraceptive device, 428
- KOBAYASHI, M. (see HELLMAN ET AL.), 662
- KOHORN, ERNEST I. (see WADE, KOHORN, AND MORRIS), 869
- KOMÁROMY, B., GAÁL, J., MIHÁLY, G., MOCSÁRY, P., POHÁNKA, O., AND SURÁNYI, S., Data on the significance of fetal arrhythmias, 79

## L

- LAGASSE, LEO D. (see KLAY, SPARKES, AND LAGASSE), 495
- LARSEN, J. FALCK, EHRMANN, ROBERT L., AND BIERING, FRANZ, Electron microscopy of human choriocarcinoma transplanted into hamster liver, 1109
- LAURENCE, KENNETH A. (see HEFNAWI, FUCHS, AND LAURENCE), 421
- LAVENHAR, M. (see HELLMAN ET AL.), 662
- LEACH, ROBERT (see MARGULIS AND LEACH), 168
- LECOQ, FRANK R., BRADLEY, EDWIN M., AND GOLDZIEHER, JOSEPH W., Metabolic studies with norethynodrel and chlormadinone acetate, 374
- LEE, TZU Y. (see RATANASOPA ET AL.), 295
- LESINSKI, J., JAJSZCZAK, ST., BENTYN, K., AND JANCZARSKI, I., Concentration of free amino acids in rabbit blastocyst fluid, 280
- LESTER, W. M. (see GALLOWAY ET AL.), 975
- LEVINE, ALLAN J. (see GUPTA AND LEVINE), 290 (Comm. in brief)
- LEVITZ, M. (see TWOMBLY ET AL.), 785
- LINTON, EUGENE B. (see ANDERSON AND LINTON), 113
- LIPSON, RICHARD (see GRAY ET AL.), 766
- LITONJUA, AUGUSTO, CANLAS, MARIO, SOLIMAN, JOSEPH, AND PAULINO, DULCE Q., Uptake of  $\alpha$ -aminoisobutyric acid in placental slices at term, 242
- LLEWELLYN-JONES, DEREK, Management of benign trophoblastic tumors, 589
- LOCKARD, DUDLEY (see CASSADY ET AL.), 284
- LOEN, LIEM KHE (see HOK ET AL.), 397
- LONDON, D. R. (see FOLEY ET AL.), 1106

- LONG, ALBERT E., The unshaven perineum at parturition, 333
- LONG, MARGARET E. (see ELAHI ET AL.), 522
- LUCAS, FRED V. (see CAVAZOS ET AL.), 833
- LUHBY, A. LEONARD (see STONE ET AL.), 638
- LUND, CURTIS J., AND DONOVAN, JOHN C., Internship in obstetrics-gynecology, 683

## M

- McCONNELL, THOMAS H. (see WATTS, CLARK, AND McCONNELL), 289 (Comm. in brief)
- McGAUGHEY, HARRY S., JR., The widening scope of obstetric responsibility, 728 (Pertinent comments)
- McGOVERN, JOHN H. (see COBBS ET AL.), 221
- McGUIRT, WILLIAM F. (see GREISS ET AL.), 1067
- (see GREISS ET AL.), 1073
- MACKEY, WILLIAM F. (see SLOTNICK AND MACKEY), 413
- McKINNON, LORIS (see NEWMAN ET AL.), 61
- MAECK, JOHN VAN S. (see GRAY ET AL.), 766
- MALKASIAN, GEORGE D., JR. (see BROWN, MALKASIAN, AND SYMMONDS), 126
- MANABE, YUKIO, Metreurynter-induced abortions at mid-pregnancy, 557
- (see MASTROIANNI ET AL.), 649
- MAQUEO, MANUEL (see GREEN, GARCILAZO, AND MAQUEO), 855
- MARCHETTI, ANDREW A., Today's vista of obstetrics-gynecology, 599
- MARGULIS, R. RALPH, AND LEACH, ROBERT, Effect of prolonged therapy with estrogen-progestin combinations on thyroid function, 168
- MASSANI, ZULEMA M., SANGUINETTI, ROBERTO, GALLEGOS, RAUL, AND RAIMONDI, DOMINGO, Angiotensin blood levels in normal and toxemic pregnancies, 313
- MASON, VAUGHAN C. (see CEHELSEY AND MASON), 1000
- MASTROIANNI, LUIGI, JR., SUZUKI, SHUETU, MANABE, YUKIO, AND WATSON, FRANK, Further observations on the influence of the intrauterine device on ovum and sperm distribution in the monkey, 649
- MATEOS-CANDANO, MANUEL, MEJIA, SALVADOR VAZQUEZ, ARELLANO, CESAR VIVAR, AND DEL VALLE, GUILLERMO ROCHA, Comparative study of the use of the IUD in different socioeconomic groups, 291 (Comm. in brief)
- MAXWELL, NED G. (see HUTCHINSON, MAXWELL, AND TURNER), 702
- MEISEL, D. (see TWOMBLY ET AL.), 785
- MEJIA, SALVADOR VAZQUEZ (see MATEOS-CANDANO ET AL.), 291 (Comm. in brief)
- MERRILL, JAMES A., COLMORE, JOHN P., WILKERSON, R. G., BRADEN, BARBARA F., AND DeSHAN, PRESTON W., Screening for asymptomatic bacteriuria during antepartum care, 216
- MEUDT, E. (see MEUDT AND MEUDT), 562
- MEUDT, R., AND MEUDT, E., Rupture of the fetal membranes, 562
- MIHÁLY, G. (see KOMÁROMY ET AL.), 79
- MIKHAIL, G., AND ALLEN, W. M., Ovarian function in human pregnancy, 308
- MILSTEAD, RACHEL (see CASSADY ET AL.), 284
- MINTON, ELLIS L., WHITTLESEY, DAVEN BARKSDALE, AND JAMISON, HARWIN B., Clinical aspects of evaluation and treatment of sclerocystic ovaries, 390
- MISHELL, DANIEL R., Effect of 6 $\alpha$ -methyl-17 $\alpha$ -hydroxyprogesterone on urinary excretion of luteinizing hormone, 86
- MOCKLER, NEDD D. (see ALLEN, DURNER, AND MOCKLER), 274
- MOCSÁRY, P. (see KOMÁROMY ET AL.), 79

- MOORE, J. GEORGE, SCHIFRIN, BARRY S., AND EREZ, SELCUK, Ovarian tumors in infancy, childhood, and adolescence, 913
- MORAES-RUEHSEN, MARIA D. DE (see JONES AND MORAES-RUEHSEN), 814
- MORRIS, JOHN A. (see ANSBACHER, BOYSON, AND MORRIS), 394
- MORRIS, JOHN MCL. (see WADE, KOHORN, AND MORRIS), 869
- MORTON, DANIEL G. (see OSTERGARD AND MORTON), 1006
- MOSSMAN, ROBERT G., AND CONRAD, JOHN T., In vitro blocking and oxytocic effects of water-soluble estrogens on pregnant human, mouse, and rat uteri, 539
- MUNRO, ALAN B. (see RUFFOLO ET AL.), 1147

N

- NELSEN, CARL E. (see OWEN ET AL.), 368
- NELSON, GEORGE H., KENIMER, BARRY K., AND JONES, AL. E., Thin-layer chromatography of placental phospholipids, 262
- (see ZUSPAN, NELSON, AND AHLQUIST), 709
- NEWMAN, WARWICK, MCKINNON, LORIS, PHILLIPS, LYNETTE, PATERSON, PETER, AND WOOD, CARL, Oxygen transfer from mother to fetus during labor, 61
- NEWTON, MICHAEL (see RORIE AND NEWTON), 466
- NICHOLLS, RICHARD A., AND BOARD, JOHN A., Carbonic anhydrase concentration in endometrium after oral progestins, 829
- NIEMAND, KARL M., GIBSTEIN, ALAN, AND ROSENTHAL, ALEXANDER H., Oxytocin in twin gestation, 533
- NILSSON, L. (see BERGSTRÖM ET AL.), 130 (Current investigation)
- NILSSON, L.-A. (see BERGSTRÖM ET AL.), 130 (Current investigation)
- NIX, HAROLD G., AND WRIGHT, HENRY L., Mesonephric adenocarcinoma of the vagina, 893
- NOVY, MILES J., AND EDWARDS, MILES J., Respiratory problems in pregnancy, 1024 (Current developments)

O

- O'MORCHOE, C. C. C. (see O'MORCHOE AND O'MORCHOE), 479
- O'MORCHOE, P. J., AND O'MORCHOE, C. C. C., Urinary cytology in reproductive endocrinology, 479
- OSTERGARD, DONALD R., AND MORTON, DANIEL G., Multifocal carcinoma of the female genitals, 1006
- OWEN, GEORGE M., NELSEN, CARL E., BAKER, GEORGE L., CONNOR, WILLIAM E., AND JACOBS, JAMES P., Use of vitamin K<sub>1</sub> in pregnancy, 368
- OZERKIS, ARLEENE J. (see SIMMONS AND OZERKIS), 271
- (see SIMMONS ET AL.), 266

P

- PARKER, LEONARD (see GRAY ET AL.), 766
- PARKER, ROY T., WILBANKS, GEORGE D., YOWELL, ROBERT K., AND CARTER, F. BAYARD, Radical hysterectomy and pelvic lymphadenectomy with and without preoperative radiotherapy for cervical cancer, 933
- PARRISH, HENRY M., CARR, CAROLE A., HALL, DAVID G., AND KING, THEODORE M., Time interval from castration in premenopausal women to development of excessive coronary atherosclerosis, 155
- PATERSON, PETER (see NEWMAN ET AL.), 61
- PAUERSTEIN, CARL J. (see BAGGISH, PAUERSTEIN, AND WOODRUFF), 459
- PAUL, W. M., GARE, D. J., AND WHETHAM, J. C., Assessment of fetal scalp sampling in labor, 745

- PAULINO, DULCE Q. (see LITONJUA ET AL.), 242
- PAYNE, R. B. (see JONES AND PAYNE), 1160 (Current investigation)
- PERLMUTTER, JOHANNA F., Drug addiction in pregnant women, 569
- PHILLIPS, LYNETTE (see NEWMAN ET AL.), 61
- PLOTZ, E. J., WIENER, M., STEIN, A. A., AND HAHN, B. D., Enzyme activities related to steroidogenesis in postmenopausal ovaries of patients with and without endometrial carcinoma, 182
- PLUNKETT, EARL R. (see BARR ET AL.), 1047
- POBLETE, VICENTE F., JR. (see FUCHS ET AL.), 627
- POHÁNKA, O. (see KOMÁROMY ET AL.), 79
- POPOWICZ, JULIUSZ (see JOZWIK, GLOWACKA, AND POPOWICZ), 258
- PRICE, J. J., AND WEBSTER, AUGUSTA, Cervical pregnancy, 134 (Clinical problems)
- PRITCHARD, JACK A., AND STONE, STUART R., Clinical and laboratory observations on eclampsia, 754
- PRYSTOWSKY, HARRY (see BLECHNER ET AL.), 46
- (see COTTER, BLECHNER, AND PRYSTOWSKY), 1
- (see STENGER ET AL.), 690
- PURCELL, ROBERT H. (see HARWICK ET AL.), 725 (Current investigation)

R

- RAIMONDI, DOMINGO (see MASSANI AND RAIMONDI), 313
- RAPP, MYRTLE (see SPRATT, DONEGAN, AND RAPP), 417
- RATANASOPA, VANNIE, SCHINDLER, ADOLF E., LEE, TZU Y., AND HERRMANN, WALTER L., Measurement of estriol in plasma by gas-liquid chromatography, 295
- RIESER, N. (see DELAHUNT AND RIESER), 580
- RISK, ABRAHAM (see FUCHS ET AL.), 627
- ROBERTS, THEOPHILUS (see KLEINER AND ROBERTS), 21
- ROBERTSON, ALEX, AND SPRECHER, HOWARD, Human placental lipid metabolism. II. Analysis of fatty acids from placentas after fetal death, 247
- ROBERTSON, E. M. (see VERBEEK, ROBERTSON, AND HAUST), 1136
- ROBINSON, ROGER W., Effect of estrogen-progestin combinations on clotting factors, 163
- ROBSON, J. M. (see HONEY, ROBSON, AND SULLIVAN), 250
- ROMEYN, DIRK (see GRAY ET AL.), 766
- RORIE, DUANE K., AND NEWTON, MICHAEL, Histologic and chemical studies of the smooth muscle in the human cervix and uterus, 466
- ROSENTHAL, ALEXANDER H. (see NIEMAND, GIBSTEIN, AND ROSENTHAL), 533
- ROWLEY, KENNETH C., AND BARNES, LLOYD W., Carcinoma of the cervix in the pre-teen-age female, 878 (Comm. in brief)
- RUBÍ, RAÚL A. (see SALA AND RUBÍ), 228
- RUFFOLO, RICHARD, BENIRSCHKE, KURT, COVINGTON, HENRY I., AND MUNRO, ALAN B., Electron microscopic study of the "X-cells" in septal cysts of the human placenta, 1147
- RUSSELL, PAUL S. (see SIMMONS ET AL.), 266
- RYTTINGER, L. (see BERGSTRÖM ET AL.), 130 (Current investigation)

S

- SACHTLEBEN, MARLENE R. (see FRIEDMAN AND SACHTLEBEN), 376
- SALA, NÉSTOR L., AND RUBÍ RAÚL A., Ureteral function in pregnant women. II. Ureteral contractility during normal pregnancy, 228

- SANGUINETTI, ROBERTO (*see* MASSANI ET AL.), 313
- SATURNO, ALBO (*see* WADE, SATURNO, AND HSIUNG), 595 (Comm. in brief)
- SCHADE, S. L. (*see* SPELLACY, CARLSON, AND SCHADE), 382
- SCHLIN, ERIC (*see* CLAIBORNE AND SCHLIN), 900
- SCHIFRIN, BARRY S. (*see* MOORE, SCHIFRIN, AND EREZ), 913
- SCHINDLER, ADOLF E. (*see* RATANASOPA ET AL.), 295
- SCOMMEGNA, ANTONIO, AND CHATTORAJ, SATI C., Gas chromatographic estimation of urinary estriol in pregnancy, 1087
- SECKINGER, DANIEL L., JR. (*see* WOLFE AND SECKINGER), 121
- SEAR, TORBEN, Pentobarbital anesthesia in labor, 952
- SEVER, PETER S. (*see* WYNN, SEVER, AND HELLMAN), 359
- SHELDON, RICHARD S., WILSON, ROBERT B., AND DOCKERTY, MALCOLM B., Serosal endometriosis of Fallopian tubes, 882 (Comm. in brief)
- SIMMONS, RICHARD L., AND OZERKIS, ARLENE J., The immunologic problem of pregnancy. IV. Histocompatibility antigens of aging mouse trophoblast, 271
- , —, BUTSCH, DAVID W., AND RUSSELL, PAUL S., The immunologic problem of pregnancy. III. Effect of pregnancy survival of adult and neonatal skin grafts, 266
- SLOTNICK, IRVING J., AND MACKAY, WILLIAM F., Observations on anaerobic bacteria in the female urinary tract, 413
- SOLIMAN, JOSEPH (*see* LITONJUA ET AL.), 242
- SMITH, ELEANOR M. (*see* BARTUSKA ET AL.), 387
- SMITH, HUGH E., AND HORGER, RICHARD C., Critical analysis of outpatient sterility studies, 985
- SMITH, RONALD W., AND YARBROUGH, CHARLES J., Plasma volume prediction in normal pregnancy, 18
- SOLTAN, HUBERT C. (*see* BARR ET AL.), 1047
- SOMMERS, SHELDON C. (*see* ELAHI ET AL.), 522
- SPARKES, ROBERT (*see* KLAY, SPARKES, AND LAGASSE), 495
- SPELLACY, W. N., CARLSON, K. L., AND SCAHDE, S. L., Menstrual cycle carbohydrate metabolism, 382
- SPRATT, JOHN S., JR., DONEGAN, WILLIAM L., AND RAPP, MYRTLE, Positioning and some variations in surgical technique used for combined inguinal, perineal, and abdominal surgery, 417
- SPRECHER, HOWARD (*see* ROBERTSON AND SPRECHER), 247
- STARKMAN, MONICA N., AND JAFFE, ROBERT B., Chromosome aberrations in XO/XY mosaic individuals and their fathers, 1056
- STEIN, A. A. (*see* PLOTZ ET AL.), 182
- STENGER, VINCENT G., BLECHNER, JACK N., ANDERSEN, THORKILD W., EITZMAN, DONALD V., CESTARIC, EDWARD, AND PRYSTOWSKY, HARRY, Observations on Pentothal, nitrous oxide, and succinylcholine anesthesia at cesarean section, 690
- STENGER, VINCENT G. (*see* BLECHNER ET AL.), 46
- STERN, CURT, Some general aspects of human genetics, 604
- STONE, MARTIN L., LUHBY, A. LEONARD, FELDMAN, ROBERT, GORDON, MYRON, AND COOPERMAN, JACK M., Folic acid metabolism in pregnancy, 638
- STONE, STUART R. (*see* PRITCHARD AND STONE), 754
- STRICKLER, JAMES G. (*see* COBBS ET AL.), 221
- SULLIVAN, F. M. (*see* HONEY, ROBSON, AND SULLIVAN), 250
- SUMMERSON, DONALD J. (*see* KILLAM, GRILLO, AND SUMMERSON), 292 (Comm. in brief)
- SURÁNYI, S. (*see* KOMÁROMY ET AL.), 79
- SUZUKI, SHUETU (*see* MASTROIANNI ET AL.), 649
- SWEITZER, CAESAR (*see* DILTS, COOPERSMITH, AND SWEITZER), 293 (Comm. in brief)
- SYMMONDS, RICHARD E. (*see* BROWN, MALKASIAN, AND SYMMONDS), 126

## T

- TALBERT, LUTHER M., AND EASTERLING, WILLIAM E., JR., Factors influencing urinary estrogen excretion in pregnancy, 923
- TAYLOR, E. STEWART, THOMPSON, HORACE E., GOTTESFELD, KENNETH R., AND HOLMES, JOSEPH H., Clinical use of ultrasound in obstetrics and gynecology, 671
- THIERY, MICHEL, AND WILLIGHAGEN, ROELOF G. J., Enzyme histochemistry of adenocarcinoma of the endometrium including hormone-induced changes, 173
- THOMPSON, HORACE E. (*see* TAYLOR ET AL.), 671
- TJIAT, NJO TIONG (*see* HOK ET AL.), 397
- TRAYLOR, BOTHWELL, A case of locked twins, 909
- TRELOAR, ALAN E., BEHN, BORGHILD G., AND COWAN, DONALD W., Analysis of gestational interval, 34
- TURNER, J. HOWARD (*see* HUTCHINSON, MAXWELL, AND TURNER), 702
- TWOMBLY, G. H., BASSETT, M., MEISEL, D., AND LEVITZ, M., Estrogen storage in fat, 785

## V

- VALENTI, CARLO, AND VETHAMANY, SHAMA K., Functional anatomy of a cytogenetic service, 434 (Current developments)
- VAUGHN, D. L., BERSANTES, T., KIRSCHBAUM, T. H., AND ASSALI, N. S., Homeostatic role of the renal-adrenal axis in bacteremic shock, 208
- VERBEEK, J. H., ROBERTSON, E. M., AND HAUST, M. DARIA, Basement membranes (amniotic, trophoblastic, capillary) and adjacent tissue in term placenta, 1136
- VETHAMANY, SHAMA K. (*see* VALENTI AND VETHAMANY), 434 (Current developments)
- VICCHI, M. F., Special aspects in the diagnosis and treatment of urinary tract infections in pregnancy and the puerperium, 994
- VLADOV, EMIL, The vacuum aspiration method for interruption of early pregnancy, 202
- VORYS, NICHOLS (*see* WIELAND ET AL.), 489

## W

- WADE, MACLYN E., KOHORN, ERNEST I., AND MORRIS, JOHN McL., Adenocarcinoma of the endometrium, 869
- , SATURNO, ALBO, AND HSIUNG, G. D., Clinical and virologic study of patients seen in the Yale-New Haven Women's Clinic (1963-1964), 595 (Comm. in brief)
- WAIMAN, HARRY A., Role of hyperphenylalaninemia in pregnant women as a cause of mental retardation in offspring, 431 (Pertinent comments)
- WARREN, JAMES C., AND BARKER, KENNETH L., Template capacity of chromatin from normal and neoplastic tissues, 198
- WATSON, FRANK (*see* MASTROIANNI ET AL.), 649
- WATTS, CLARK C., CLARK, KEMP, AND MCCONNELL, THOMAS H., Fetal head trauma without maternal uterine injury, 289 (Comm. in brief)
- WEBER, LENNARD L. (*see* BISHOP, WEBER, AND ISRAEL), 615
- WEBSTER, AUGUSTA (*see* PRICE AND WEBSTER), 134 (Clinical problems)
- WENTWORTH, PAUL, Placental infarction and toxemia of pregnancy, 318
- WHETHAM, J. C. (*see* PAUL, GARE, AND WHETHAM), 745
- (*see* GARE, WHETHAM, AND HENRY), 722 (Current investigation)
- WHITTLESEY, DAVEEN BARKSDALE (*see* MINTON, WHITTLESEY, AND JAMISON), 390
- WIELAND, RALPH G., VORYS, NICHOLS, FOLK, ROBERT L., AND HAMWI, GEORGE J., Urinary testosterone fractions, 489

WIENER, M. (*see* PLOTZ ET AL.), 182  
WIENS, RUTH (*see* BARR ET AL.), 1047  
WIKNJOSASTRO, HANIFA (*see* HOK ET AL.), 397  
WILBANKS, GEORGE D. (*see* PARKER ET AL.), 933  
WILKERSON, R. G. (*see* MERRILL ET AL.), 216  
WILLIAMS, SYBIL (*see* ZUSPAN, NELSON, AND AHLQUIST), 709  
WILLIGHAGEN, ROELOF G. J. (*see* THIERY AND WILLIGHAGEN), 173  
WILSON, ROBERT B. (*see* SHELDON, WILSON, AND DOCKERTY), 882 (Comm. in brief)  
WILSON, SANDRA (*see* ATKIN, BAKER, AND WILSON), 506  
WOLFE, SAMUEL A., AND SECKINGER, DANIEL L., JR., Varied anatomical types of ovarian adenofibroma, 121  
WOLKOFF, A. S. (*see* BAWDEN AND WOLKOFF), 55  
WOOD, CARL (*see* NEWMAN ET AL.), 61  
WOOD, PAUL A., Posterior sacculation of the uterus in a patient with a double uterus, 907  
WOODRUFF, J. DONALD (*see* BAGGISH, PAUERSTEIN, AND WOODRUFF), 459

WRIGHT, HENRY L. (*see* NIX AND WRIGHT), 893  
WYNN, RALPH M., AND HARRIS, JENNIFER A., Ultrastructure of trophoblast and endometrium in invasive hydatidiform mole (chorioadenoma destruens), 1125  
—, SEVER, PETER S., AND HELLMAN, LOUIS M., Morphologic studies of the ruptured amnion, 359

Y

YARBROUGH, CHARLES J. (*see* SMITH AND YARBROUGH), 18  
YOUNG, MAUREEN (*see* FOLEY ET AL.), 1106  
YOWELL, ROBERT K. (*see* PARKER ET AL.), 933

Z

ZUSPAN, FREDERICK P., NELSON, GEORGE H., AND AHLQUIST, RAYMOND P., Alterations of urinary epinephrine and norepinephrine, 709  
ZUSSMAN, WILLIAM V., FORBES, DONALD A., AND CARPENTER, ROBERT J., JR., Ovarian morphology following cyclic norethindrone-mestranol therapy, 99

# Subject index\*

## A

- Abdominal cancer surgery, inguinal, perineal, and, combined, positioning and some variations in surgical technique used for (Spratt, Donegan, and Rapp), 417
- myomectomy (Brown, Malkasian, and Symmonds), 126
- pregnancy, placenta in, thermographic and hormonal studies of (Beck and Birnbaum), 29
- and vaginal delivery, combined, of twins (Casper and Guttmacher), 1020 (Clinical problems)
- Abortions at midpregnancy, metreuxyter-induced (Manabe), 557
- Mycoplasma hominis* septicemia associated with (Harwick et al.), 725 (Current investigation)
- Acetylcholine, effect of, on uterine vascular bed (Greiss et al.), 1073
- Acids, amino, free, concentration of, in rabbit blastocyst fluid (Lesinski et al.), 280
- $\alpha$ -aminoisobutyric, uptake of, in placental slices at term (Litonjua et al.), 242
- fatty, from placentas after intrauterine death, analysis of (Robertson and Sprecher), 247
- folie, metabolism in pregnancy (Stone et al.), 638
- Acidosis, metabolic, maternal, effects of, on human fetus and newborn infant (Blechner et al.), 46
- Addiction, drug, in pregnant women (Perlmutter), 569
- Adenocarcinoma of endometrium (Wade, Kohorn, and Morris), 869
- enzyme histochemistry of, including hormone-induced changes (Thiery and Willighagen), 173
- Stage I, management of (Copenhaver and Barsamian), 864
- mesonephric, of vagina (Nix and Wright), 885
- Adenofibroma, ovarian, varied anatomical types (Wolfe and Seckinger), 121
- Alcohol, effect of, on threatened premature labor (Fuchs et al.), 627
- Alterations of urinary epinephrine and norepinephrine (Zuspan, Nelson, and Ahlquist), 709
- Altitude, pregnancy at, observations on (Cotter, Blechner, Prystowsky), 1
- American Board of Obstetrics and Gynecology examinations, 154, 458, 744, 1046 (Items)
- Gynecological Society, transactions of ninetieth annual meeting, 599-721, 745-807
- Amino acids, free, concentration of, in rabbit blastocyst fluid (Lesinski et al.), 280
- in cow and calf plasma in prolonged gestation, preliminary observations (Foley et al.), 1106
- $\alpha$ -Aminoisobutyric acid in placental slices at term, uptake of (Litonjua et al.), 242
- Amniocentesis and intrauterine transfusion, fetal ascites complicating (Killam, Grillo, and Summerson), 292 (Comm. in brief)
- transabdominal, hazards of fetal-maternal transfusion after (Cassady et al.), 284
- Amnion, ruptured, morphologic studies of (Wynn, Sever, and Hellman), 359
- Amniotic membrane and adjacent tissue in term placenta (Verbeck, Robertson, and Haust), 1136

- Anaerobic bacteria in female urinary tract, observations on (Slotnick and Mackey), 413
- Analgesia, meperidine, and premature labor (Kaltreider), 989
- Anatomical types of ovarian adenofibroma, varied (Wolfe and Seckinger), 121
- Anencephalic male with XX sex chromosome complement (Arias-Bernal and Jones), 877 (Comm. in brief)
- Anesthesia, pentobarbital, in labor (Sear), 952
- Pentothal, nitrous oxide, and succinylcholine, at cesarean section, observations on (Stenger et al.), 690
- Angiotensin blood levels in normal and toxemic pregnancies (Massani et al.), 313
- Antibodies, atypical, routine prenatal screening for (Allen, Dubner, and Mockler), 274
- Antigens, histocompatibility, of aging mouse trophoblast (Simmons and Ozerkis), 271
- Rh, in 38-day-old fetus, demonstration of (Bergström et al.), 130 (Current investigation)
- Arrhenoblastoma in 13-year-old girl (Hill), 910
- Arrhythmia, fetal, data on significance of (Komáromy et al.), 86
- Arterial and uterine venous blood, maternal, respiratory gases in (Cotter, Blechner, and Prystowsky), 1
- Ascites, fetal, complicating amniocentesis and intrauterine transfusion (Killam, Grillo, and Summerson), 292 (Comm. in brief)
- Aspiration method, vacuum, for interruption of early pregnancy (Vladov), 202
- Asymptomatic bacteriuria during pregnancy, untreated, postpartum renal status of women with (Cobbs et al.), 221
- screening during antepartum care (Merrill et al.), 216
- Atypical antibodies, routine prenatal screening for (Allen, Dubner, and Mockler), 274

## B

- Bacilli, tubercule, isolation of, from endocervical mucus of infertile women (Hok et al.), 397
- Back and hip pain in pregnancy due to chordoma (Creasman), 1165 (Comm. in brief)
- Bacteremic shock, homeostatic role of renal-adrenal axis in (Vaughn et al.), 208
- Bacteria, anaerobic, in female urinary tract, observations on (Slotnick and Mackey), 413
- Bacteriuria, asymptomatic, screening for, during antepartum care (Merrill et al.), 216
- untreated asymptomatic, during pregnancy, postpartum renal status of women with (Cobbs et al.), 221
- Balance studies, metabolic, with norethynodrel and chlormadinone acetate (Lecocq, Bradley, and Goldzieher), 374
- Basement membranes (amniotic, trophoblastic, capillary) and adjacent tissues in term placenta (Verbeck, Robertson, and Haust), 1136
- Benign trophoblastic tumors, management of (Llewellyn-Jones), 589
- Bilateral ovarian fibromas in 5-year-old (Bower and Erickson), 880 (Comm. in brief)

\*September 1, 1-154; September 15, 155-294; October 1, 295-458; October 15, 459-598; November 1, 599-744; November 15, 745-884; December 1, 885-1046; December 15, 1047-1184.



- Biologic behavior of dysplasia and carcinoma in situ (Fox), 960
- Biopsy, cervical, and cervical conization, diagnostic accuracy of (Anderson and Linton), 113
- Birth control, rhythm method of, perfect, possibility of, by periodic light stimulation (Dewan), 1016
- Blocking and oxytocic effects of water-soluble estrogens, in vitro, on human, mouse, and rat uteri (Mossman and Conrad), 539
- Blood calcium responses, fetal, to maternal calcium infusion in sheep (Bawden and Wolkoff), 55
- maternal arterial and uterine venous, respiratory gases in (Cotter, Blechner, and Prystowsky), 1
- Brain damage, hypertrichosis, and polycystic ovaries (Barbuska et al.), 387
- Breech delivery, premature (Galloway et al.), 975
- Brenner's tumor, hyperplasia of endometrium and, in postmenopausal woman (Gupta and Levine), 290 (Comm. in brief)
- C
- Calcium, fetal blood, responses to maternal calcium infusion in sheep (Bawden and Wolkoff), 55
- infusion, maternal, in sheep, fetal blood calcium responses to (Bawden and Wolkoff), 55
- Calculi, urinary, in pregnancy, incidence and significance (Harris and Dunnihoo), 237
- Calf and cow plasma, free amino acids in, in prolonged gestation, preliminary observations (Foley et al.), 1106
- Cancer (*see also* carcinoma)
- cervical, radical hysterectomy and pelvic lymphadenectomy with and without preoperative radiotherapy for (Parker et al.), 933
  - vesical, ureteral, and rectal fistulas following operation for (Ingiulla and Cosmi), 1078
  - surgery, combined inguinal, perineal, and abdominal, positioning and some variations in surgical technique used for (Spratt, Donegan, and Rapp), 417
- Capillary membrane and adjacent tissue in term placenta (Verbeek, Robertson, and Haust), 1136
- Carbohydrate metabolism, menstrual cycle (Spellacy, Carlson, and Schade), 382
- Carbonic anhydrase concentration in endometrium after oral progestins (Nicholls and Board), 829
- Carcinoma (*see also* cancer)
- of cervix, advanced, pelvic exenteration for (Ingiulla and Cosmi), 1083
  - detection and management, use of hematoporphyrin derivative in (Gray et al.), 766
  - in pre-teen-age female (Rowley and Barnes), 878 (Comm. in brief)
  - uterine, 4, stem-line karyotypes of (Atkin, Baker, and Wilson), 506
  - endometrial, arising in ovarian endometrioma (Blanchard), 908
  - postmenopausal ovaries of patients with and without, enzyme activities related to steroidogenesis in (Plotz et al.), 182
  - in situ and dysplasia, biologic behavior of (Fox), 960
  - multifocal, of female genitals (Ostergard and Morton), 1006
  - ovarian, disseminated, long-term survival in (Elahi et al.), 522
- Cavity, uterine, cryosurgery of (Cahan and Brockunier), 138 (Current developments)
- sterility of (Ansbacher, Boyson, and Morris), 394
- Cell, endometrial glandular, human, ultrastructure of, during menstrual cycle (Cavazos et al.), 833
- luteal, at term (Green, Garcilazo, and Maqueo), 855

- Cervical biopsy and cervical conization, diagnostic accuracy of (Anderson and Linton), 113
- cancer, detection and management, use of hematoporphyrin derivative in (Gray et al.), 766
- radical hysterectomy and pelvic lymphadenectomy with and without preoperative radiotherapy for (Parker et al.), 933
- conization, cervical biopsy and, diagnostic accuracy of (Anderson and Linton), 113
- pregnancy (Price and Webster), 134 (Clinical problems)
- temperature and induction of labor (Gardiner), 551
- Cervix, carcinoma of, advanced, pelvic exenteration for (Ingiulla and Cosmi), 1083
- in pre-teen-age female (Rowley and Barnes), 878 (Comm. in brief)
- vesical, ureteral, and rectal fistulas following operation for (Ingiulla and Cosmi), 1078
- Cervix and uterus, human, histologic and chemical studies of smooth muscle in (Rorie and Newton), 466
- uteri, carcinomas of, 4, stem-line karyotypes of (Atkin, Baker, and Wilson), 506
- mouse, mechanism of induced epidermization in (Graham), 470
- neoplasia of, radioautographic studies in (Iliya and Azar), 515
- Cesarean section, Pentothal, nitrous oxide, and succinylcholine anesthesia at, observations on (Stenger et al.), 690
- Chlormadinone acetate, norethynodrel and, metabolic balance studies with (Lecocq, Bradley, and Goldzieher), 374
- Chordoma, back and hip pain in pregnancy due to (Creasman), 1165 (Comm. in brief)
- Chorioadenoma destruens (invasive hydatidiform mole), ultrastructure of trophoblast and endometrium in (Wynn and Harris), 1125
- Choriocarcinoma, human, transplanted into hamster liver, electron microscopy of (Larsen, Ehrmann, and Biering), 1109
- Chromatin from normal and neoplastic tissues, template capacity of (Warren and Barker), 198
- Chromatographic, gas, estimation of urinary estril in pregnancy (Scommegna and Chatteraj), 1087
- Chromatography, gas-liquid, measurement of estril in plasma by (Ratanasopa et al.), 295
- thin-layer, of placental phospholipids (Nelson, Kenimer, and Jones), 262
- Chromosome aberrations in XO/XY mosaic individuals and their fathers (Starkman and Jaffe), 1056
- mosaicism, generalized XY/XX/XXY in male hermaphrodite (Klay, Sparkes, and Lagasse), 495
- XX sex, complement, anencephalic male with (Arias-Bernal and Jones), 877 (Comm. in brief)
- Clinical problems, 134-137, 1020-1023
- use of ultrasound in obstetrics and gynecology (Taylor et al.), 671
- and virologic study of patients seen at Yale-New Haven Women's Clinic (1963-1964) (Wade, Saturno, and Hsiung), 595 (Comm. in brief)
- Clomiphene citrate for improvement of ovarian function (Jones and Moraes-Ruesen), 814
- treatment, changes in hormonal excretion under (Bret and Coiffard), 91
- Clotting factors, effect of estrogen-progestin combinations on (Robinson), 163
- Communications in brief, 289-293, 595-598, 877-884, 1064-1066
- Conference on prematurity, first international, 146 (Items)
- Conization, cervical, cervical biopsy and, diagnostic accuracy (Anderson and Linton), 113
- Contraceptive device, intrauterine, new (Knoch), 428
- reappraisal of (Hall), 808

- Coronary atherosclerosis, excessive, time interval from castration in premenopausal women to development of (Parrish et al.), 155
- Cow and calf plasma, free amino acids in, in prolonged gestation, preliminary observations (Foley et al.), 1106
- Cryosurgery of uterine cavity (Cahan and Brockunier) 138 (Current developments)
- Current developments, 138-153, 434-457, 732-741, 1024-1045 investigation, 130-133, 722-727, 1160-1163
- Cycle, menstrual, carbohydrate metabolism (Spellacy, Carlson, and Schade), 382
- Cyclic norethindrone-mestranol therapy, ovarian morphology following (Zussman, Forbes, and Carpenter), 99 therapy with estrogen-progestin combinations, effect of, on thyroid function (Margulis and Leach), 168
- Cytogenetic service, functional anatomy of (Valenti and Vethamany), 434 (Current developments)
- Cytology, urinary, in reproductive endocrinology (O'Morchoe and O'Morchoe), 479 vaginal, for prediction of onset of labor (Jing, Kaufman, and Franklin), 546
- Cystadenofibroma of ovary (Herrmann), 117
- Cystometry, electronic, for differentiating between types of urinary incontinence (Canton), 401
- Cysts, septal, of human placenta, "X-cells" in electron microscopic study of (Ruffolo et al.), 1147

## D

- Defects, genetic, intrauterine diagnosis and management of (Jacobson and Barter), 796
- Delivery, breech, premature (Galloway et al.), 975 mode of, effect of, on immunoglobulin G concentration in newborn (Jones and Payne), 1160 (Current investigation)
- Diabetes, gestational, morphologic aspects of placenta in, seen by phase-contrast microscopy (Aladjem), 341
- Disseminated ovarian carcinoma, long-term survival in (Elahi et al.), 522
- Drug addiction in pregnant women (Perlmutter), 569
- Dysgenesis, gonadal, pure, and male pseudohermaphroditism in sisters (Barr et al.), 1047
- Dysplasia and carcinoma in situ, biologic behavior of (Fox), 960

## E

- Eclampsia, clinical and laboratory observations on (Pritchard and Stone), 754
- Electron microscopy of human choriocarcinoma transplanted into hamster liver (Larsen, Ehrmann, and Bierring), 1109 study of "X-cells" in septal cysts of human placenta (Ruffolo et al.), 1147
- Electronic cystometry for differentiating between types of urinary incontinence (Canton), 401
- Embryopathies, rubella-induced, in monkeys (Delahunt and Rieser), 580
- Endocervical mucus of infertile women, isolation of tubercle bacilli from (Hok et al.), 397
- Endocrinology, reproductive, urinary cytology in (O'Morchoe and O'Morchoe), 479
- Endometrial carcinoma arising in ovarian endometrioma (Blanchard), 908 enzyme activities related to steroidogenesis in postmenopausal patients with and without (Plotz et al.), 182 epithelium, regeneration of, role of stroma in (Baggish, Pauerstein, and Woodruff), 459 glandular cell, human, ultrastructure of, during menstrual cycle (Cavazos et al.), 833
- Endometrioma, ovarian, endometrial carcinoma arising in (Blanchard), 908
- Endometriosis, serosal, of Fallopian tubes (Sheldon, Wilson, and Dockerty), 882 (Comm. in brief)
- Endometrium, adenocarcinoma of (Wade, Kohorn, and Morris), 869 enzyme histochemistry of, including hormone-induced changes (Thiery and Willighagen), 173 Stage I, management of (Copenhaver and Barsamian), 864 carbonic anhydrase concentration in, after oral progestins (Nicholls and Board), 829 hyperplasia of, and Brenner's tumor in postmenopausal women (Gupta and Levine), 290 (Comm. in brief) and trophoblast, ultrastructure of, in invasive hydatidiform mole (chorioadenoma destruens) (Wynn and Harris), 1125
- Enzyme activities related to steroidogenesis in postmenopausal ovaries of patients with and without endometrial carcinoma (Plotz et al.), 182 histochemistry of adenocarcinoma of endometrium including hormone-induced changes (Thiery and Willighagen), 173
- Epidermization, induced, in mouse uterine cervix, mechanism of (Graham), 470
- Epinephrine and norepinephrine, urinary, alterations of (Zuspan, Nelson, and Ahlquist), 709
- Epithelium, endometrial, regeneration of, role of stroma in (Baggish, Pauerstein, and Woodruff), 459
- Error in sonographic fetal mensuration and estimation of growth, source (Hellman et al.), 662
- Erythrocytes, maternal, for fetal transfusion, advantages of use of (Hutchinson, Maxwell, and Turner), 702
- Estriol, measurement of, in plasma by gas-liquid chromatography (Ratanasopa et al.), 295 urinary, in pregnancy, gas chromatographic estimation of (Scommegna and Chatteraj), 1087
- Estrogen excretion, urinary, in pregnancy, factors influencing (Talbert and Easterling), 923 in puerperium (Carpenter), 303 -progestin combinations, effect of cyclic therapy with, on thyroid function (Margulis and Leach), 168 on clotting factors (Robinson), 163 storage in fat (Twombly et al.), 785 water-soluble, in vitro blocking and oxytocic effects of, on human, mouse, and rat uteri (Mossman and Conrad), 539
- Examinations, American Board of Obstetrics and Gynecology, 154, 458, 744, 1046 (Items)
- Examining, patient in bed, new Graves speculum for (Cauble), 598 (Comm. in brief)
- Excessive coronary atherosclerosis, development of, time interval from castration in premenopausal women to (Parrish et al.), 155
- Excretion, hormonal, under clomiphene treatment (Bret and Coiffard), 91 urinary estrogen, in puerperium (Carpenter), 303 of luteinizing hormone, effect of 6 $\alpha$ -methyl-17 $\alpha$ -hydroxyprogesterone on (Mishell), 86
- Exenteration, pelvic, for advanced carcinoma of cervix (Ingiulla and Cosmi), 1083

## F

- Fallopian tubes, serosal endometriosis of (Sheldon, Wilson, and Dockerty), 882 (Comm. in brief)
- Fat, estrogen storage in (Twombly et al.), 785
- Fatty acids from placentas after intrauterine death, analysis of (Robertson and Sprecher), 247
- Fellowships in maternal and child health, 1046 (Items)

- Fertility, control of, by temporary occlusion of oviduct (Hefnawi, Fuchs, and Laurence), 421
- and family planning, conference on—world review, 154 (Items)
- Fetal arrhythmia, data on significance of (Komáromy et al.), 79
- blood calcium responses to maternal calcium infusion in sheep (Bawden and Wolkoff), 55
- heart rates and rhythms, abnormal, prior to labor (Kendall), 71
- membranes, rupture of (Meudt and Meudt), 562
- mensuration and estimation of growth, sonographic, sources of error in (Hellman et al.), 662
- scalp sampling in labor, assessment of (Paul, Gare, and Whetham), 745
- transfusion, maternal erythrocytes for, advantages of use of (Hutchinson, Maxwell, and Turner), 702
- Fetus during labor, oxygen transfer from mother to (Newman et al.), 61
- and newborn infant, human, effects of maternal metabolic acidosis on (Blechner et al.), 46
- Rh antigens in 38-day-old, demonstration of (Bergström et al.), 130 (Current investigation)
- Fibroma, bilateral ovarian, in 5-year-old (Bower and Erickson), 880 (Comm. in brief)
- Fistulas, vesical, ureteral, and rectal, following operation for cancer of cervix (Ingiulla and Cosmi), 1078
- vesicovaginal, John Peter Mettauer and first successful closure of, in the United States (Kight), 885
- Folic acid metabolism in pregnancy (Stone et al.), 638
- Foundation Prize Award of South Atlantic Association of Obstetricians and Gynecologists, 458 (Items)
- Fractions, urinary testosterone (Wieland et al.), 489
- Free amino acids, concentration of, in rabbit blastocyst fluid (Lesinski et al.), 280

## G

- Gas chromatographic estimation of urinary estriol in pregnancy (Scommegna and Chatteraj), 1087
- liquid chromatography, measurement of estriol in plasma by (Ratanasopa et al.), 295
- Gases, respiratory, in maternal arterial and uterine venous blood (Cotter, Blechner, and Prystowsky), 1
- Genetic defects, intrauterine diagnosis and management (Jacobson and Barter), 796
- Genetics, human, some general aspects of (Stern), 604
- Genitals, female, multifocal carcinoma of (Ostergard and Morten), 1006
- Gestation, prolonged, preliminary observations on free amino acids in cow and calf plasma in (Foley et al.), 1106
- twin oxytocin in (Niemand, Gibstein, and Rosenthal), 533
- Gestational diabetes, morphologic aspects of placenta in, seen by phase-contrast microscopy (Aladjem), 341
- interval, analysis of (Treloar, Behn, and Cowan), 34
- Glandular cell, human endometrial, ultrastructure of, during menstrual cycle (Cavazos et al.), 833
- Gonadal dysgenesis, pure, and male pseudohermaphroditism in sisters (Barr et al.), 1047

## H

- Head trauma, fetal, without maternal uterine injury (Watts, Clark, and McConnell), 289 (Comm. in brief)
- Health, maternal and child, fellowships in, 146 (Items)
- Heart rates and rhythms, abnormal fetal, prior to labor (Kendall), 71
- Hematoporphyrin derivative, use of, in detection and management of cervical cancer (Gray et al.), 766
- Hermaphrodite, male, generalized XY/XX/XXY chromosomal mosaicism in (Klay, Sparkes, and Lagasse), 495
- Hexosamine synthesis in human placenta in vitro (Jozwik, Glowacka, and Popowicz), 258

- Hip and back pain in pregnancy due to chordoma (Creasman), 1165 (Comm. in brief)
- Histocompatibility antigens of aging mouse trophoblast (Simmons and Ozerkis), 271
- Homeostatic role of renal-adrenal axis in bacteremic shock (Vaughn et al.), 208
- Hormonal excretion under clomiphene treatment, changes in (Bret and Coiffard), 91
- studies, thermographic and, of placenta in abdominal pregnancy (Beck and Birnbaum), 29
- Hormone, luteinizing, urinary excretion of, effect of 6 $\alpha$ -methyl-17 $\alpha$ -hydroxyprogesterone on (Mishell), 86
- induced changes, enzyme histochemistry of adenocarcinoma of endometrium including (Thiery and Willighagen), 173
- Hyaluronidase, intracervical injection of (Green), 337
- Hydatidiform mole, invasive (chorioadenoma destruens), ultrastructure of trophoblast and endometrium in (Wynn and Harris), 1125
- 5-Hydroxytryptamine, mechanism of inhibitory action of, on placental function (Honey, Robson, and Sullivan), 250
- Hyperphenylalaninemia, role of, in pregnant women as cause of mental retardation in offspring (Waisman), 431 (Pertinent comments)
- Hyperplasia of endometrium and Brenner's tumor in postmenopausal woman (Gupta and Levine), 290 (Comm. in brief)
- Hypertrichosis, brain damage, and polycystic ovaries (Barbuska et al.), 387
- Hysterectomy, radical, and pelvic lymphadenectomy with and without preoperative radiotherapy for cervical cancer (Parker et al.), 933
- Wertheim (Kelso and Funnell), 106
- Human genetics, some general aspects of (Stern), 604

## I

- Imipramine, basic, lipid-soluble drug, placental transfer of (Douglas and Hume), 573
- Immunoglobulin G concentration in newborn, effect of mode of delivery on (Jones and Payne), 1160
- Immunologic pregnancy slide test, new, evaluation of (Goetschel), 1101
- problem of pregnancy, III. Effect of pregnancy survival of adult and neonatal skin grafts (Simmons et al.), 266
- IV. Histocompatibility antigens of aging mouse trophoblast (Simmons and Ozerkis), 271
- Incontinence, urinary, electronic cystometry for differentiating between types of (Canton), 401
- Induced epidermization, mechanism of, in mouse uterine cervix (Graham), 470
- Induction of labor, cervical temperature and (Gardiner), 551
- Infarction, placental, and toxemia of pregnancy (Wentworth), 318
- Infections of urinary tract in pregnancy and puerperium, special aspects in diagnosis and treatment (Vicchi), 994
- Infertile women, endocervical mucus of, isolation of tubercle bacilli from (Hok et al.), 397
- Inguinal, perineal, and abdominal cancer surgery, combined, positioning and some variations in surgical technique used for (Spratt, Donegan, and Rapp), 417
- Inhibitory action of 5-hydroxytryptamine of placental function, mechanism of (Honey, Robson, and Sullivan), 250
- Injection, intracervical, of hyaluronidase (Green), 337
- Internship in obstetrics-gynecology (Lund and Donovan), 683
- Interval, gestational, analysis of (Treloar, Behn, and Cowan), 34

- Intracervical injection of hyaluronidase (Green), 337
- Intrauterine contraceptive device, comparative study on use of, in different socioeconomic groups (Mateos-Candano et al.), 291 (Comm. in brief)
- new (Knoch), 428
- reappraisal of (Hall), 808
- death, analysis of fatty acids from placentas after (Robertson and Sprecher), 247
- device, influence of, on ovum and sperm distribution in monkey, observations on (Mastroianni et al.), 649
- diagnosis and management of genetic defects (Jacobson and Barter), 796
- transfusion (Bishop, Weber, and Israel), 615
- amniocentesis and, fetal ascites complicating (Killam, Grillo, and Summerson), 292 (Comm. in brief)
- Items, 154, 458, 744, 1046
- IUD in different socioeconomic groups, comparative study on use of (Mateos-Candano et al.), 291 (Comm. in brief)

## K

- Karyotypes, stem-line, in 4 carcinomas of cervix uteri (Atkin, Baker, and Wilson), 506
- Knot, syncytial—sign of active syncytial proliferation (Aladjem), 350

## L

- Labor, abnormal fetal heart rates and rhythms prior to (Kendall), 71
- fetal scalp sampling during, assessment of (Paul, Gare, and Whetham), 745
- induction of, cervical temperature and (Gardiner), 551
- oxygen transfer from mother to fetus during (Newman et al.), 61
- Pentobarbital anesthesia in (Stear), 952
- prediction of onset of, vaginal cytology for (Jing, Kaufman, and Franklin), 546
- premature, and meperidine analgesia (Kaltreider), 989
- threatened, effect of alcohol on (Fuchs et al.), 627
- Light stimulation, periodic, possibility of perfect rhythm method of birth control by (Dewan), 1016
- Lipid metabolism, human placental (Robertson and Sprecher), 247
- Liver, hamster, human choriocarcinoma transplanted into, electron microscopy of (Larsen, Ehrmann, and Bierring), 1109
- Luteal cell at term (Green, Garcilazo, and Maqueo), 855
- Luteinizing hormone, urinary excretion of, effect of 6 $\alpha$ -methyl-17 $\alpha$ -hydroxyprogesterone on (Mishell), 86
- Lymphadenectomy, pelvic, and radical hysterectomy with and without preoperative radiotherapy for cervical cancer (Parker et al.), 933

## M

- Malmström's vacuum-tractor (vacuum extractor), an appraisal (Earn), 744 (Current developments)
- Maternal and child health, fellowships, 146 (Items)
- erythrocytes, advantages of use of, for fetal transfusion (Hutchinson, Maxwell, and Turner), 702
- Mechanism of induced epidermization in mouse uterine cervix (Graham), 470
- Membranes, basement (amniotic, trophoblastic, capillary) and adjacent tissue in term placenta (Verbeek, Robertson, and Haust), 1136
- fetal, rupture of (Meudt and Meudt), 562
- Menstrual cycle carbohydrate metabolism (Spellacy, Carlson, and Schade), 382
- ultrastructure of human endometrial glandular cell during (Cavazos et al.), 833

- Mental retardation in offspring, role of hyperphenylalaninemia in pregnant women as cause (Waisman), 431 (Pertinent comments)
- Meperidine analgesia and premature labor (Kaltreider), 989
- Mesonephric adenocarcinoma of vagina (Nix and Wright), 885
- Metabolic acidosis, maternal, effects of, on human fetus and newborn infant (Blechner et al.), 46
- balance studies with norethynodrel and chlormadinone acetate (Lecocq, Bradley, and Goldzieher), 374
- Metabolism, carbohydrate, menstrual cycle (Spellacy, Carlson, and Schade), 382
- folic acid, in pregnancy (Stone et al.), 638
- human placental lipid (Robertson and Sprecher), 247
- 6 $\alpha$ -Methyl-17 $\alpha$ -hydroxyprogesterone, effect of, on urinary excretion of luteinizing hormone (Mishell), 86
- Metreurynter-induced abortions at midpregnancy (Manabe), 557
- Mettauer, John Peter, and first successful closure of vesicovaginal fistula in United States (Kight), 885
- Microscopic, electron, study of "X-cells" in septal cysts of human placenta (Ruffolo et al.), 1147
- Microscopy, electron, of human choriocarcinoma transplanted into hamster liver (Larsen, Ehrmann, and Bierring), 1109
- phase-contrast, morphologic aspects of placenta in gestational diabetes seen by (Aladjem), 341
- Midforceps operation, evaluation of (Cooke), 327
- Midpregnancy, metreurynter-induced abortion at (Manabe), 557
- Mole, hydatidiform, invasive (chorioadenoma destruens), ultrastructure of trophoblast and endometrium in (Wynn and Harris), 1125
- Mosaic, XO/XY, individuals and their fathers, chromosome aberrations in (Starkman and Jaffe), 1056
- Mosaicism, chromosomal, generalized XY/XX/XXY, in male hermaphrodite (Klay, Sparkes, and Lagasse), 495
- Mucus, endocervical, of infertile women, isolation of tubercle bacilli from (Hok et al.), 397
- Muscle, smooth, in human cervix and uterus, histologic and chemical studies of (Rorie and Newton), 466
- Mycoplasma hominis septicemia associated with abortion (Harwick et al.), 725 (Current investigation)
- Myomectomy, abdominal (Brown, Malkasian, and Symmonds), 126

## N

- Neoplasia of uterine cervix, radioautographic studies in (Iliya and Azar), 515
- Nerve, parasympathetic, stimulation, effect of, on uterine vascular bed (Greiss et al.), 1067
- Nitrous oxide, Pentothal, and succinylcholine anesthesia at cesarean section, observations on (Stenger et al.), 690
- Norepinephrine, epinephrine and, urinary, alterations of (Zuspan, Nelson, and Ahlquist), 709
- Norethindrone-mestranol therapy, cyclic, ovarian morphology following (Zusman, Forbes, and Carpenter), 99
- Norethynodrel and chlormadinone acetate, metabolic balance studies with (Lecocq, Bradley, and Goldzieher), 374

## O

- Obstetric responsibility, widening scope of (McGaughey), 728 (Pertinent comments)
- Obstetrics and gynecology, clinical use of ultrasound in (Taylor et al.), 671
- internship in (Lund and Donovan), 683
- today's vista (Marchetti), 599
- Obstruction, ureteral, due to radiation (Graham and Abad), 409

- Occlusion of oviducts, temporary, control of fertility by (Hefnawi, Fuchs, and Laurence), 421
- Offspring, mental retardation in, role of hyperphenylalaninemia in pregnant women as cause of (Waisman), 431 (Pertinent comments)
- Operation, midforceps, evaluation of (Cooke), 327
- Oral progestins, carbonic anhydrase concentration in endometrium after (Nicholls and Board), 829
- Ovarian adenofibroma, varied anatomical types of (Wolfe and Seckinger), 121
- carcinoma, disseminated, long-term survival in (Elahi et al.), 522
- endometrioma, endometrial carcinoma arising in (Blanchard), 908
- fibromas, bilateral, in 5-year-old (Bower and Erickson), 880 (Comm. in brief)
- function, clomiphene citrate for improvement of (Jones and Moraes-Ruchsen), 814
- in human pregnancy (Mikhail and Allen), 308
- morphology following cyclic norethindrone-mestranol therapy (Zussman, Forbes, and Carpenter), 99
- tumors in infancy, childhood, and adolescence (Moore, Schifrin, and Erez), 913
- Ovary, cystadenofibroma of (Herrmann), 117
- postmenopausal, of patients with and without endometrial carcinoma, enzyme activities related to steroidogenesis in (Plotz et al.), 182
- sclerocystic, clinical aspects of evaluation and treatment (Minton, Whittlesey, and Jamison), 390
- ultrastructure of (Green, Garcilazo, and Maqueo), 855
- Oviducts, occlusion of, temporary, control of fertility by (Hefnawi, Fuchs, and Laurence), 421
- Ovulation and reproduction in mice, effect of 28 hour day on (Kaiser), 772
- Ovum and sperm distribution in monkey, influence of intrauterine device on, further observations on (Mastroianni et al.), 649
- Oxygen consumption, placental, in vitro (Friedman and Sachtleben), 576
- transfer from mother to fetus during labor (Newman et al.), 61
- Oxytocic effects, blocking and, in vitro, of water-soluble estrogens on human, mouse, and rat uteri (Mossman and Conrad), 539
- (Friedman and Sachtleben), 576
- in twin gestation (Niemand, Gibstein, and Rosenthal), 533
- P
- Pain, back and hip, in pregnancy, due to chordoma (Creasman), 1165 (Comm. in brief)
- Parasympathetic nerve stimulation, effect of, on uterine vascular bed (Greiss et al.), 1067
- Parturition, unshaven perineum at (Long), 333
- Patient presentations: panel discussion, 907
- Pelvic exenteration for advanced carcinoma of cervix (Ingulli and Cosmi), 1083
- Pentobarbital anesthesia in labor (Seear), 952
- Pentothal, nitrous oxide, and succinylcholine anesthesia at cesarean section, observations on (Stenger et al.), 690
- Peptic ulcer, perforated, in pregnancy (Dilts, Coopersmith, and Sweitzer), 293 (Comm. in brief)
- Perforated peptic ulcer in pregnancy (Dilts, Coopersmith, and Sweitzer), 293 (Comm. in brief)
- Perineal, inguinal, and abdominal cancer surgery, combined, positioning and some variations in surgical technique used for (Spratt, Donegan, and Rapp), 417
- Perineum, unshaven, at parturition (Long), 333
- Pertinent comments, 431-433, 728-731
- Phase-contrast microscopy, morphologic aspects of placenta in gestational diabetes seen by (Aladjem), 341
- Phospholipids, placental, thin-layer chromatography of (Nelson, Kenimer, and Jones), 262
- Placenta in abdominal pregnancy, thermographic and hormonal studies on (Beck and Birnbaum), 29
- in gestational diabetes, morphologic aspects of, seen by phase-contrast microscopy (Aladjem), 341
- human, septal cysts of, "X-cells" in, electron microscopic study of (Ruffolo et al.), 1147
- in vitro, hexosamine synthesis in (Jozwik, Glowacka, and Popowicz), 258
- after intrauterine death, analysis of fatty acids from (Robertson and Sprecher), 247
- term, basement membranes and adjacent tissue in (Verbeek, Robertson, and Haust), 1136
- Placental function, mechanism of inhibitory action of 5-hydroxytryptamine on (Honey, Robson, and Sullivan), 250
- infarction and toxemia of pregnancy (Wentworth), 318
- lipid metabolism, human. II. Analysis of fatty acids from placentas after intrauterine death (Robertson and Sprecher), 247
- oxygen consumption in vitro, III. Oxytocin effect (Friedman and Sachtleben), 576
- phospholipids, thin-layer chromatography of (Nelson, Kenimer, and Jones), 262
- slices at term, uptake of  $\alpha$ -aminoisobutyric acid in (Litonjua et al.), 242
- transfer of imipramine, basic, lipid-soluble drug (Douglas and Hume), 573
- Plasma, cow and calf, free amino acids in, in prolonged gestation, preliminary observations (Foley et al.), 1106
- measurement of estriol in, by gas-liquid chromatography (Ratanasopa et al.), 295
- volume prediction in normal pregnancy (Smith and Yarbrough), 18
- Polycystic ovaries, brain damage, hypertrichosis and (Bartuska et al.), 387
- Postmenopausal ovaries of patients with and without endometrial carcinoma, enzyme activities related to steroidogenesis in (Plotz et al.), 182
- woman, hyperplasia of endometrium and Brenner's tumor in (Gupta and Levine), 290 (Comm. in brief)
- Prediction of onset of labor, vaginal cytology for (Jing, Kaufman, and Franklin), 546
- Pregnancy, abdominal, placenta in, thermographic and hormonal studies of (Beck and Birnbaum), 29
- previous, normal intrauterine pregnancy following (Kirkland and Glover), 910
- at altitude, observations on (Cotter, Blechner, and Prystowsky), 1
- back and hip pain in, due to chordoma (Creasman), 1165 (Comm. in brief)
- cervical (Price and Webster), 134 (Clinical problems)
- early, interruption of, vacuum aspiration method for (Vladov), 202
- folic acid metabolism in (Stone et al.), 638
- human ovarian function in (Mikhail and Allen), 308
- immunologic problem of (Simmons and Ozerkis), 271 (Simmons et al.), 266
- intrauterine, normal, following previous abdominal pregnancy (Kirkland and Glover), 910
- normal, plasma volume prediction in (Smith and Yarbrough), 18
- and toxemic, angiotensin blood levels in (Massani et al.), 313
- ureteral contractility during (Sala and Rubí), 228
- perforated peptic ulcer in (Dilts, Coopersmith, and Sweitzer), 293 (Comm. in brief)
- renin-angiotensin system in, influence of high renin substrate levels on (Helmer and Judson), 9
- respiratory problems in (Novy and Edwards), 1024 (Current developments)



## Pregnancy—Cont'd

- slide test, immunologic, new, evaluation of (Goetschel), 1101
- survival of adult and neonatal skin grafts (Simmons et al.), 266
- toxemia of, placental infarction and (Wentworth), 318
- tubal, current factors in causation of (Kleiner and Roberts), 21
- untreated asymptomatic bacteriuria during, postpartum renal status of women with (Cobbs et al.), 221
- urinary estril in, gas chromatographic estimation of (Scommegna and Chatteraj), 1087
- estrogen excretion in, factors influencing (Talbert and Easterling), 923
- tract infections in, special aspects in diagnosis and treatment (Vicchi), 994
- vitamin K<sub>1</sub> in, use of (Owen et al.), 368
- Pregnant uterus at term, anterior sacculution of (Cehelsky and Mason), 1000
- women, drug addiction in (Perlmutter), 569
- Premature labor, threatened, effect of alcohol on (Fuchs et al.), 627
- Prematurity, first international conference on, 146 (Items)
- Premenopausal women, time interval from castration in, to development of excessive coronary atherosclerosis (Parrish et al.), 155
- Prenatal screening, routine, for atypical antibodies (Allen, Dubner, and Mockler), 274
- Pre-teen-age female, carcinoma of cervix in (Rowley and Barnes), 878 (Comm. in brief)
- Progestins, oral, carbonic anhydrase concentration in endometrium after (Nicholls and Board), 829
- Pseudohermaphroditism, male, and pure gonadal dysgenesis in sisters (Barr et al.), 1047
- Puerperium, urinary estrogen excretion in (Carpenter), 303
- tract infections in, special aspects in diagnosis and treatment (Vicchi), 994

## R

- Radiation, ureteral obstruction due to (Graham and Abad), 409
- Radical Wertheim hysterectomy (Kelso and Funnell), 106
- Radioautographic studies in neoplasia of uterine cervix (Iliya and Azar), 515
- Radiotherapy, preoperative, radical hysterectomy and pelvic lymphadenectomy with and without, for cervical cancer (Parker et al.), 933
- Rectal fistulas following operation for cancer of cervix (Ingulla and Cosmi), 1078
- Regeneration of endometrial epithelium, role of stroma in (Baggish, Pauerstein, and Woodruff), 459
- Renal status, postpartum, of women with untreated asymptomatic bacteriuria during pregnancy (Cobbs et al.), 221
- adrenal axis, homeostatic role of, in bacteremic shock (Vaughn et al.), 208
- Renin substrate levels, high, influence of, on renin-angiotensin system in pregnancy (Helmer and Judson), 9
- angiotensin system in pregnancy, influence of high renin substrate levels on (Helmer and Judson), 9
- Reproduction, ovulation and, in mice, effect of 28 hour day on (Kaiser), 772
- Society for Study of, new 438 (Items)
- Reproductive endocrinology, urinary cytology in (O'Morchoe and O'Morchoe), 479
- Respiratory gases in maternal arterial and uterine venous blood (Cotter, Blechner, and Prystowsky), 1
- problems in pregnancy (Novy and Edwards), 1024 (Current developments)
- Responsibility, obstetric, widening scope of (McGaughey), 728 (Pertinent comments)
- Rh antigens in 38-day-old fetus, demonstration of (Bergström et al.), 130 (Current investigations)
- Rhythm method of birth control, perfect, possibility of, by periodic light stimulation (Dewan), 1016
- abnormal, fetal heart rates and, prior to labor (Kendall), 71
- Rubella-induced embryopathies in monkeys (Delahunt and Rieser), 580
- Rupture of fetal membranes (Meudt and Meudt), 562
- Ruptured amnion, morphologic studies of (Wynn, Sever, and Hellman), 359

## S

- Sacculution, anterior, of pregnant uterus at term (Cehelsky and Mason), 1000
- posterior, of uterus, in patient with double uterus (Wood), 907
- Scalp sampling, validity of (Gare, Whetham, and Henry), 722 (Current investigation)
- Sclerocystic ovaries, clinical aspects of evaluation and treatment (Minton, Whittlesey, and Jamison), 390
- Screening for asymptomatic bacteriuria during antepartum care (Merrill et al.), 216
- for atypical antibodies, routine prenatal (Allen, Dubner, and Mockler), 274
- Septicemia, *Mycoplasma hominis*, associated with abortion (Harwick et al.), 725 (Current investigation)
- Serosal endometriosis of Fallopian tubes (Sheldon, Wilson, and Dockerty), 882 (Comm. in brief)
- Shock, bacteremic, homeostatic role of renal-adrenal axis in (Vaughn et al.), 208
- Skin grafts, adult and neonatal, pregnancy survival of (Simmons et al.), 266
- Smooth muscle in human cervix and uterus, histologic and chemical studies of (Rorie and Newton), 466
- Society for Study of Reproduction, new, 458 (Items)
- Sonographic fetal mensuration and estimation of growth, sources of error in (Hellman et al.), 662
- South Atlantic Association of Obstetricians and Gynecologists, Foundation Prize Award of 458 (Items)
- transactions of twenty-ninth annual meeting, 883-980
- Speculum, modified Graves, new, for examining patient in bed (Cable), 598 (Comm. in brief)
- Sperm distribution, ovum and, in monkey, further observations on influence of intrauterine device on (Mastroianni et al.), 649
- Stage I adenocarcinoma of endometrium, management of (Copenhaver and Barsamian), 864
- Stem-line karyotypes of 4 carcinomas of cervix uteri (Atkin, Baker, and Wilson), 506
- Sterility studies, outpatient, critical analysis of (Smith and Horger), 985
- of uterine cavity (Ansbacher, Boyson, and Morris), 394
- Steroidogenesis, enzyme activities related to, in postmenopausal ovaries of patients with and without endometrial carcinoma (Plotz et al.), 182
- Stroma, role of, in regeneration of endometrial epithelium (Baggish, Pauerstein, and Woodruff), 459
- Substrate levels, renin, high, influence of, on renin-angiotensin system in pregnancy (Helmer and Judson), 9
- Succinylcholine anesthesia, Pentothal, nitrous oxide, and, at cesarean section, observations on (Stenger et al.), 690
- Survival, long-term, in disseminated ovarian carcinoma (Elahi et al.), 522
- pregnancy, of adult and neonatal skin grafts (Simmons et al.), 266
- Syncytial knot—sign of active syncytial proliferation (Aladjem), 350
- Synthesis, hexosamine, in human placenta in vitro (Jozwik, Glowacka, and Popowicz), 258

T

- Temperature, cervical, and induction of labor (Gardiner), 551
- Template capacity of chromatin from normal and neoplastic tissues (Warren and Barker), 198
- Term, luteal cell at (Green, Garcilazo, and Maqueo), 855
- Testosterone fractions, urinary (Wieland et al.), 489
- Thermographic and hormonal studies of placenta in abdominal pregnancy (Beck and Birnbaum), 29
- Thin-layer chromatography of placental phospholipids (Nelson, Kenimer, and Jones), 262
- Threatened premature labor, effect of alcohol on (Fuchs et al.), 627
- Thyroid function, effect of cyclic therapy with estrogen-progestin combinations on (Margulis and Leach), 168
- Time interval from castration in premenopausal women to development of excessive coronary atherosclerosis (Parrish et al.), 155
- Tissues, normal and neoplastic, template capacity of chromatin from (Warren and Barker), 198
- Toxic pregnancies, normal and, angiotensin blood levels in (Massani et al.), 313
- placental infarction and (Wentworth), 318
- Trace, urinary, female, anaerobic bacteria in, observations on (Slotnick and Mackey), 413
- Transabdominal amniocentesis, hazards of fetal-maternal transfusion after (Cassady et al.), 284
- Transactions of ninetieth annual meeting of American Gynecological Society, 599-721, 745-807
- of twenty-ninth annual meeting of South Atlantic Association of Obstetricians and Gynecologists, 885-980
- Transfer, oxygen, from mother to fetus during labor (Newman et al.), 61
- placental, of imipramine, basic, lipid-soluble drug (Douglas and Hume), 573
- Transfusion, fetal, maternal erythrocytes for, advantages of use of (Hutchinson, Maxwell, and Turner), 702
- fetal-maternal, hazards of, after transabdominal amniocentesis (Cassady et al.), 284
- intrauterine (Bishop, Weber, and Israel), 615
- amniocentesis and, fetal ascites complicating (Killam, Grillo, and Summerson), 292 (Comm. in brief)
- Trauma, fetal head, without maternal uterine injury (Watts, Clark, and McConnell), 289 (Comm. in brief)
- Trophoblast and endometrium, ultrastructure of, in invasive hydatidiform mole (chorioadenoma destruens) (Wynn and Harris), 1125
- mouse, aging, histocompatibility antigens of (Simmons and Ozerkis), 271
- Trophoblastic membrane and adjacent tissue in term placenta (Verbeek, Robertson, and Haust), 1136
- tumors, benign, management of (Llewellyn-Jones), 589
- Tubal pregnancy, current factors in causation of (Kleiner and Roberts), 21
- Tubercle bacilli, isolation of, from endocervical mucus of infertile women (Hok et al.), 397
- Tubes, Fallopian, serosal endometriosis of (Sheldon, Wilson, Dockerty), 882 (Comm. in brief)
- Tumors, benign trophoblastic, management of (Llewellyn-Jones), 589
- Brenner's hyperplasia of endometrium and, in postmenopausal woman (Gupta and Levine), 290 (Comm. in brief)
- ovarian, in infancy, childhood, and adolescence (Moore, Schifrin, and Erez), 913
- Twin gestation, oxytocin in (Niemand, Gibstein, and Rosenthal), 533
- Twins, combined abdominal and vaginal delivery of (Casper and Guttmacher), 1020 (Clinical problems)
- locked, case of (Traylor), 909

U

- Ulcer, perforated peptic, in pregnancy (Dilts, Coopersmith, and Sweitzer), 293 (Comm. in brief)
- Ultrasound in obstetrics and gynecology, clinical use of (Taylor et al.), 671
- Ultrastructure of human endometrial glandular cell during menstrual cycle (Cavazos et al.), 833
- ovary. II. Luteal cell at term (Green, Garcilazo, and Maqueo), 855
- Unshaven perineum at parturition (Long), 333
- Uptake of  $\alpha$ -aminobutyric acid in placental slices at term (Litonjua et al.), 242
- Ureteral contractility during normal pregnancy (Sala and Rubí), 228
- fistulas following operation for cancer of cervix (Ingiulla and Cosmi), 1078
- function in pregnant women. II. Ureteral contractility during normal pregnancy (Sala and Rubí), 228
- obstruction due to radiation (Graham and Abad), 409
- Urinary calculi in pregnancy, incidence and significance of (Harris and Dunnihoo), 237
- cytology in reproductive endocrinology (O'Morchoe and O'Morchoe), 479
- epinephrine and norepinephrine, alterations of (Zuspan, Nelson, and Ahlquist), 709
- estriol in pregnancy, gas chromatographic estimation of (Scommegna and Chatteraj), 1087
- estrogen excretion in pregnancy, factors influencing (Talbert and Easterling), 923
- in puerperium (Carpenter), 303
- excretion of luteinizing hormone, effect of 6 $\alpha$ -methyl-17 $\alpha$ -hydroxyprogesterone on (Mishell), 86
- incontinence, electronic cystometry for differentiating between various types of (Canton), 401
- testosterone fractions (Wieland et al.), 489
- tract, female, anaerobic bacteria in, observations on (Slotnick and Mackey), 413
- infections in pregnancy and puerperium, special aspects in diagnosis and treatment (Vicchi), 994
- Uterine cavity, cryosurgery of (Cahan and Brockunier), 138 (Current developments)
- sterility of (Ansbacher, Boyson, and Morris), 394
- cervix, mouse, mechanism of induced epidermization in (Graham), 470
- neoplasia of, radioautographic studies in (Iliya and Azar), 515
- vascular bed, effect of acetylcholine on (Greiss et al.), 1073
- parasympathetic nerve stimulation on (Greiss et al.), 1067
- venous blood, maternal arterial and, respiratory gases in (Cotter, Blechner, and Prystowsky), 1
- Uterus, double, posterior sacculation of uterus in patient with (Wood), 907
- gravid, rupture (Claiborne and Schelin), 900
- human cervix and, histologic and chemical studies of smooth muscle of (Rorie and Newton), 466
- posterior sacculation of, in patient with double uterus (Wood), 907
- pregnant, at term, anterior sacculation of (Cehelsky and Mason), 1000

V

- Vacuum aspiration method for interruption of early pregnancy (Vladov), 202
- extractor—appraisal of Malmström's vacuum-tractor (Earn), 744 (Current developments)
- Vagina, artificial (Evans), 944
- Vaginal and abdominal delivery, combined, of twins (Casper and Guttmacher), 1020 (Clinical problems)

## Vaginal—Cont'd

- cytology for prediction of onset of labor (Jing, Kaufman, and Franklin), 546
- septum, transverse, congenital, Z-plasty for correction of (Garcia), 1164 (Comm. in brief)
- Vascular bed, uterine, effect of acetylcholine on (Greiss et al.), 1073
- parasympathetic nerve stimulation on (Greiss et al.), 1067
- Venous blood, uterine, maternal arterial and, respiratory gases in (Cotter, Blechner, and Prystowsky), 1
- Vesical fistulas following operation for cancer of cervix (Ingiulla and Cosmi), 1078
- Vesicovaginal fistula, John Peter Mettauer and the first successful closure of, in the United States (Kight), 885
- Virologic study, clinical and, of patients seen at Yale-New Haven Hospital Women's Clinic (1963-1964) (Wade, Saturno, and Hsiung), 595 (Comm. in brief)
- Vitamin K<sub>1</sub> in pregnancy, use of (Owen et al.), 368
- Volume prediction, plasma, in normal pregnancy (Smith and Yarbrough), 18

## W

- Water-soluble estrogens, in vitro blocking and oxytocic effects of, on human, mouse, and rat uteri (Mossman and Conrad), 539
- Wertheim hysterectomy, radical (Kelso and Funnell), 106

## X

- "X-cells" in septal cysts of human placenta, electron microscopic study of (Ruffolo et al.), 1147
- XO/XY mosaic individuals and their fathers, chromosome aberrations in (Starkman and Jaffe), 1056
- XX sex chromosome complement, anencephalic male with (Arias-Bernal and Jones), 877 (Comm. in brief)
- XY/XX/XXY chromosomal mosaicism in male hermaphrodite, generalized (Klay, Sparkes, and Lagasse), 493

## Z

- Z-plasty for correction of congenital transverse vaginal septum (Garcia), 1164 (Comm. in brief)

